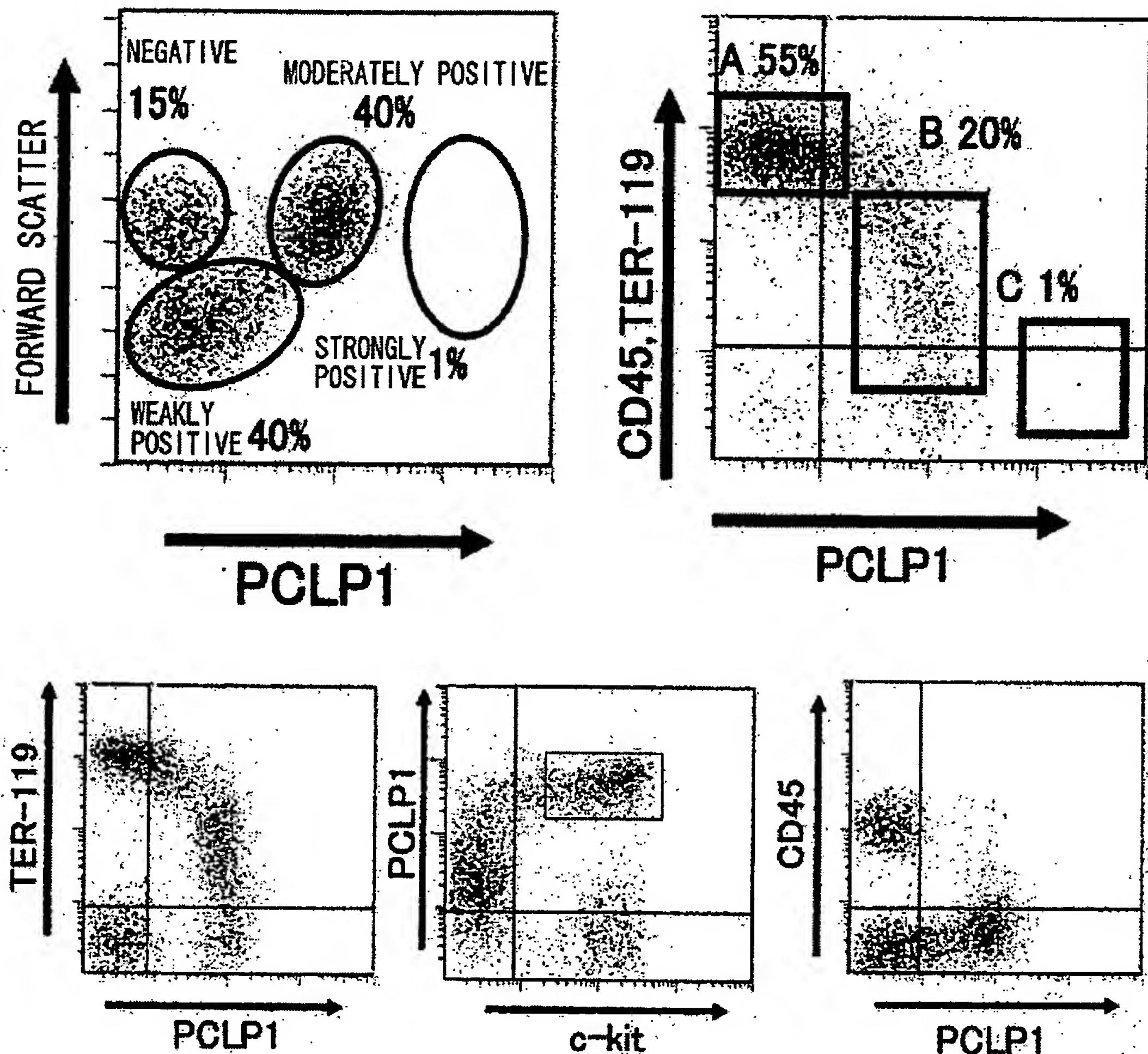


FIG. 1



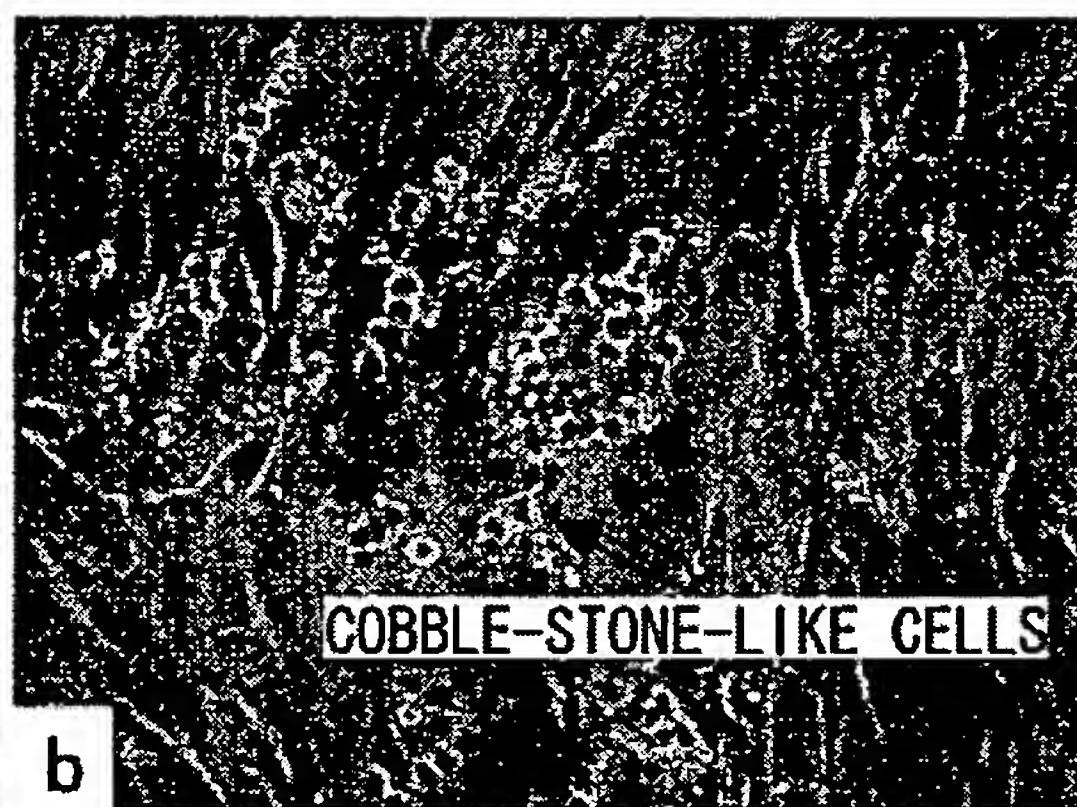
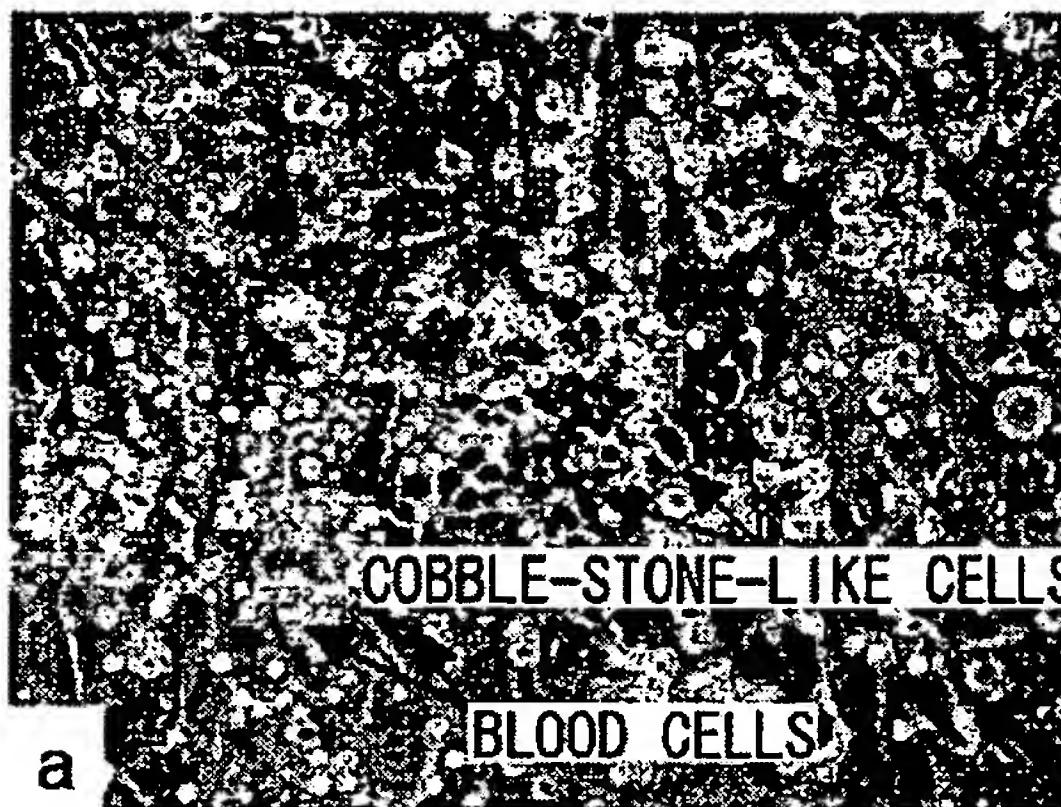
DEFINITIONS OF SEPARATED CELL POPULATIONS

PCLP1- →	PCLP1-CD45+	→ LEUKOCYTE FRACTION (NEGATIVE)	A
	PCLP1+cKit-	→ ERYTHROBLAST FRACTION (WEAKLY POSITIVE)	A
PCLP1+ ↗	PCLP1+cKit+	→ HEMATOPOIETIC STEM CELL FRACTION (MODERATELY POSITIVE)	B
	PCLP1+CD45-TER119-	→ ENDOTHELIAL PRECURSOR CELL (STRONGLY POSITIVE)	C

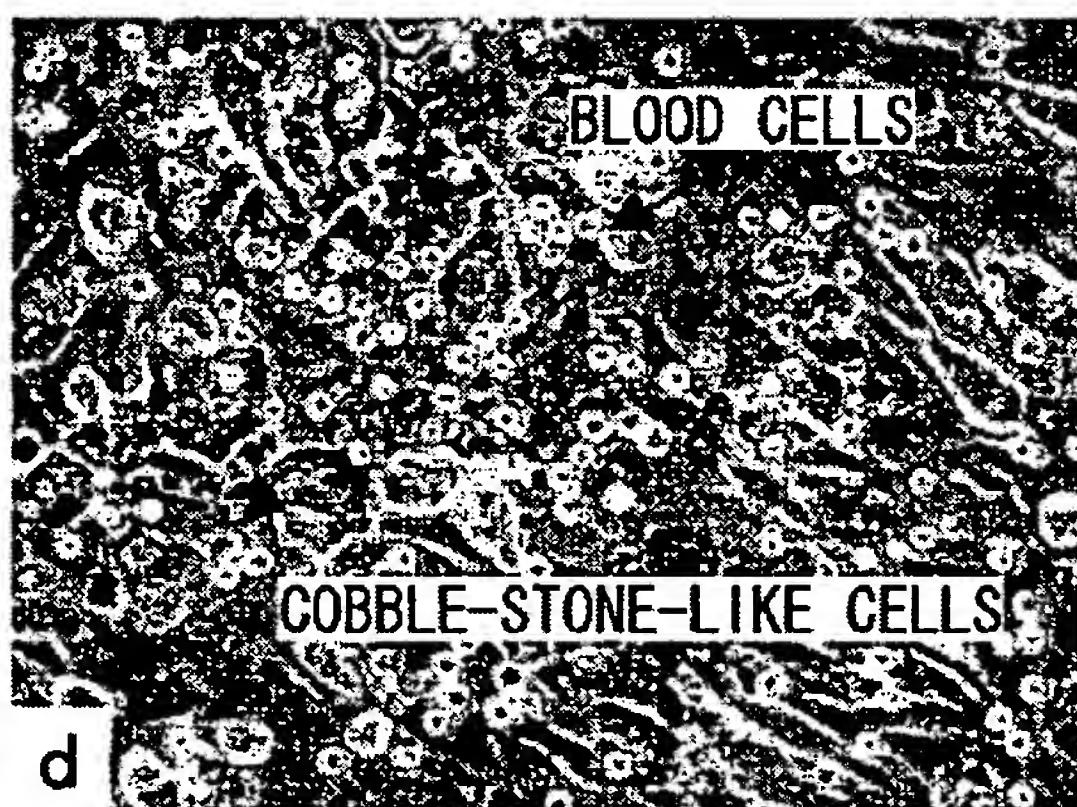
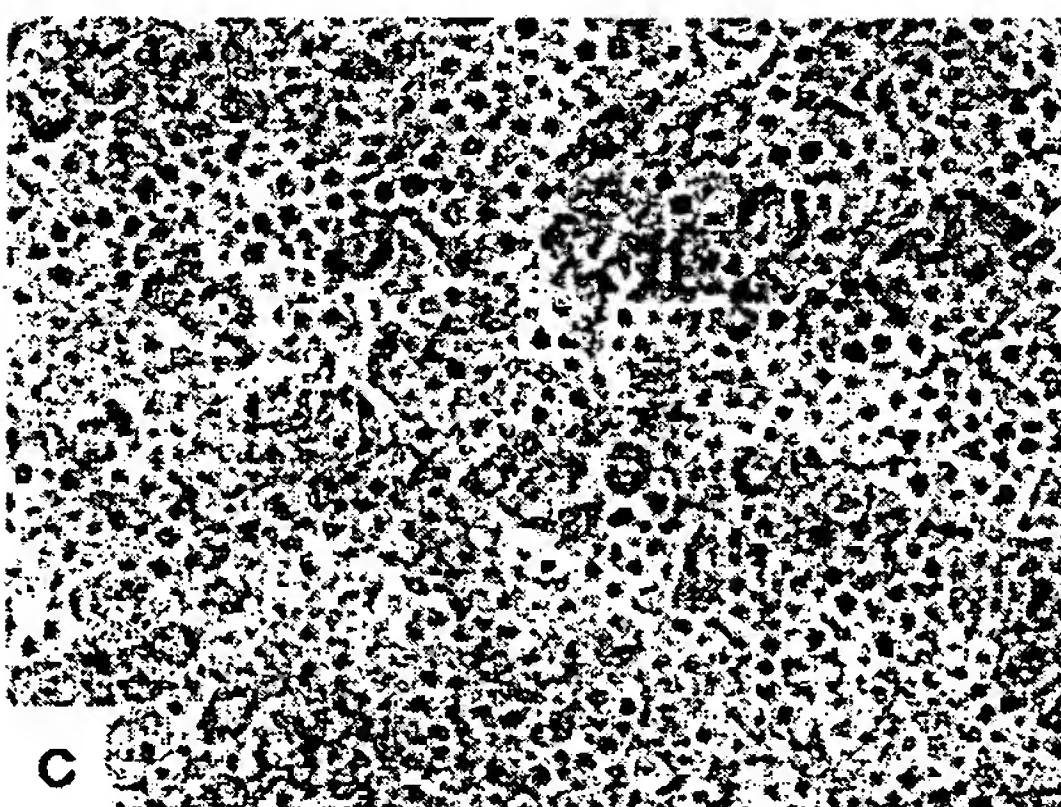
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FIG. 2

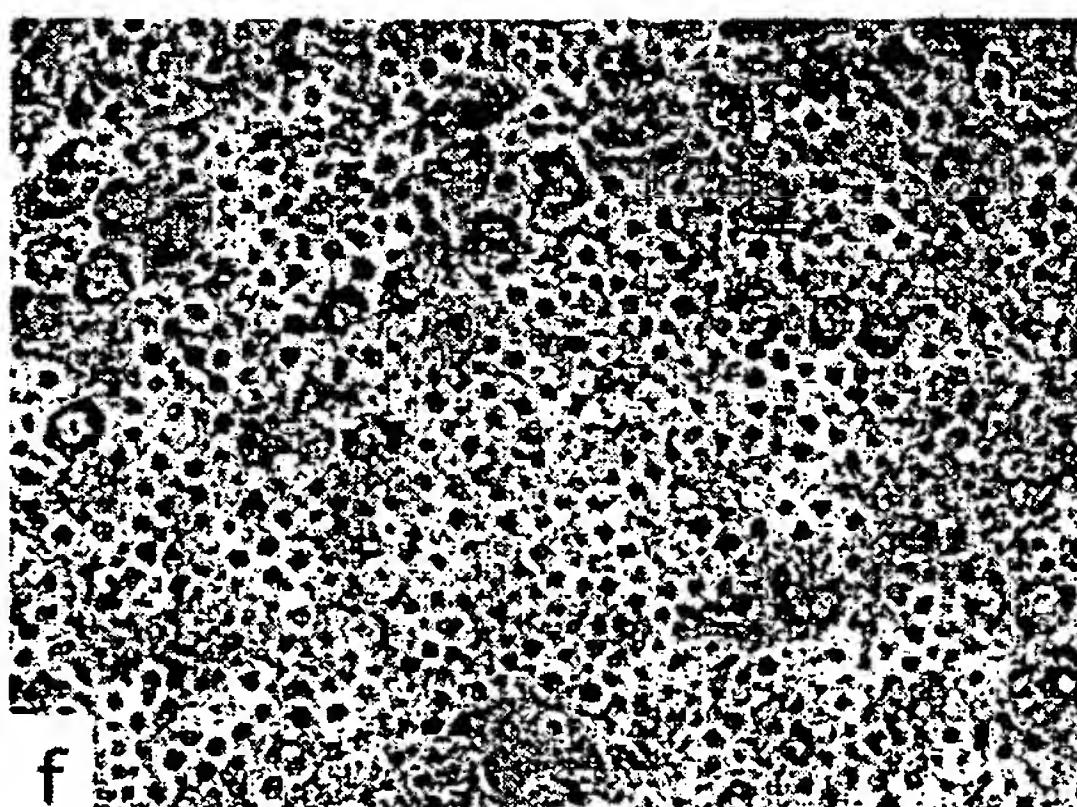
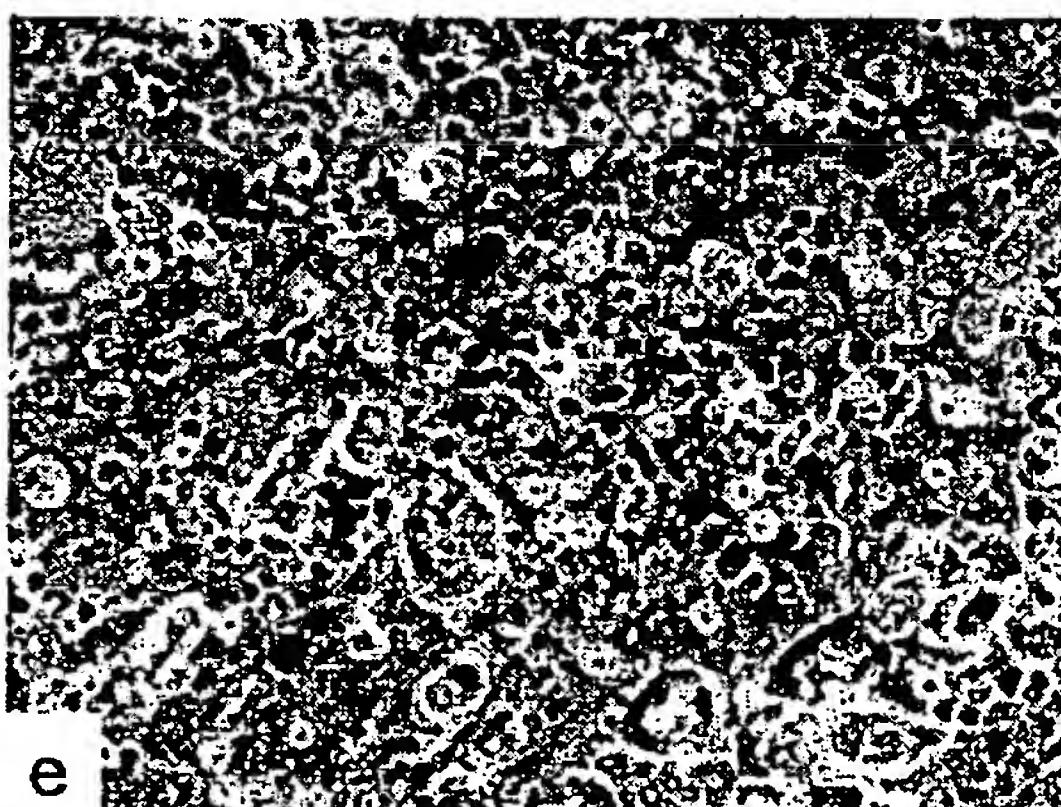
DAY 4 (x 200)



DAY 7 (x 200)

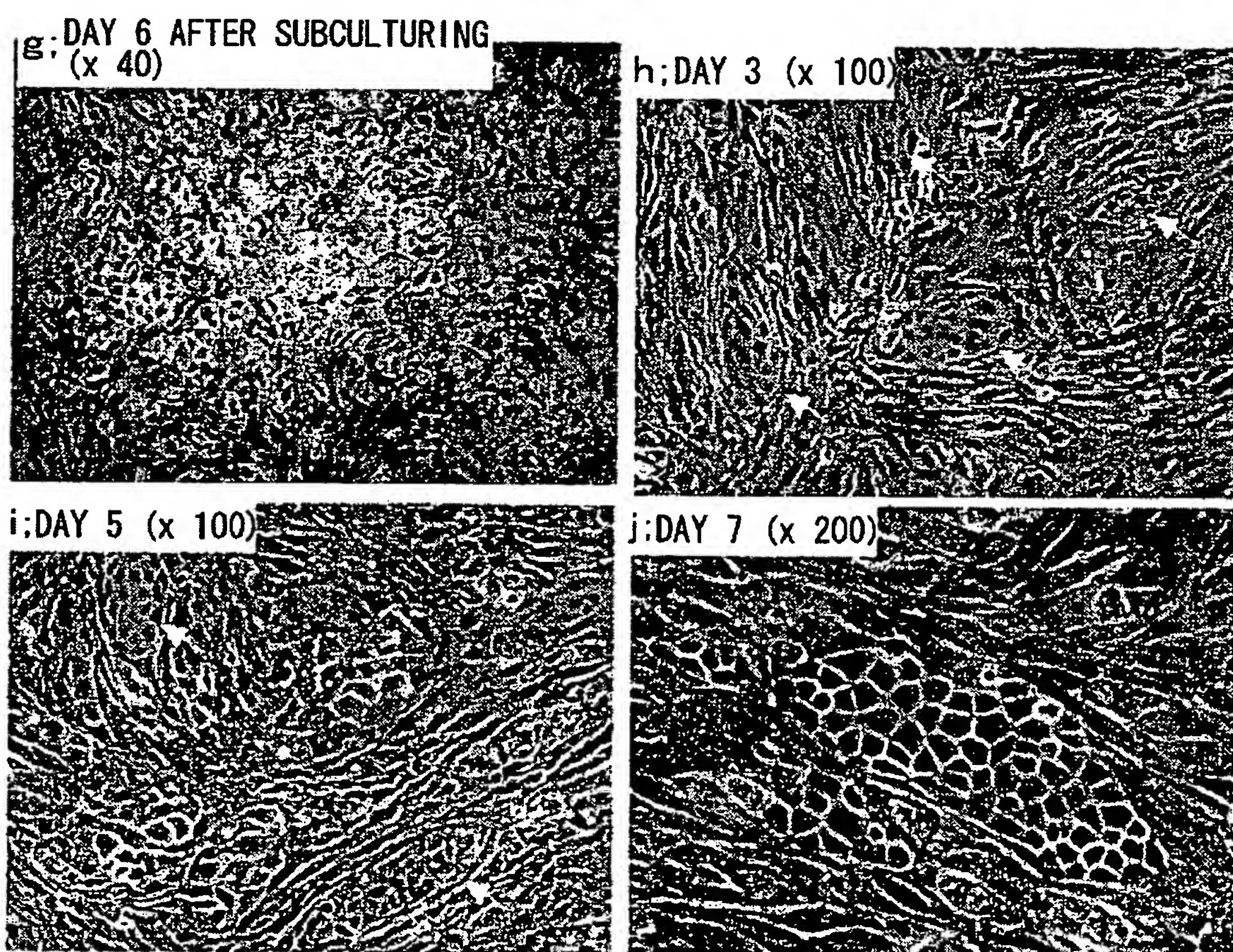


DAY 10 (x 200)



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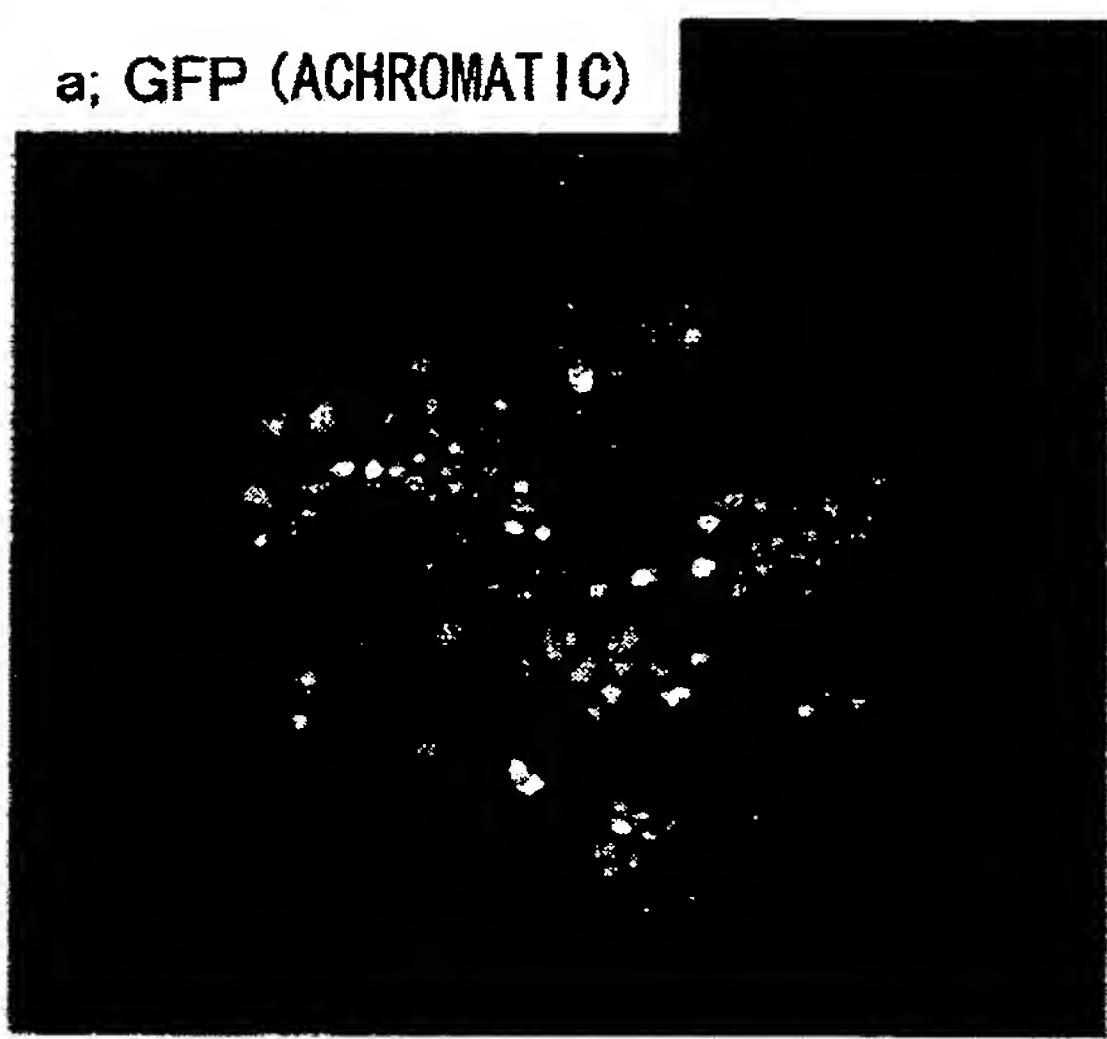
FIG. 2-2



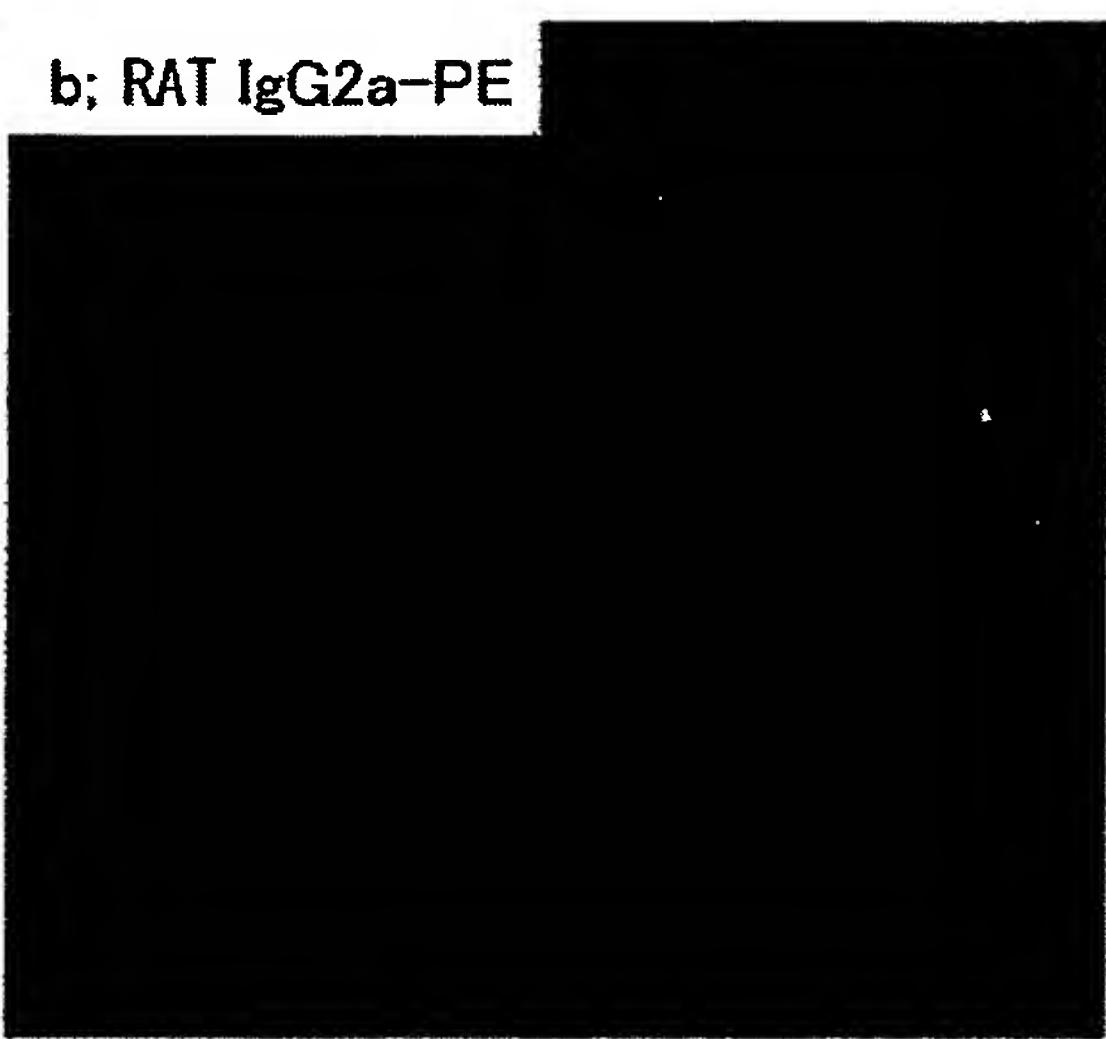
BEST AVAILABLE COPY

FIG. 3

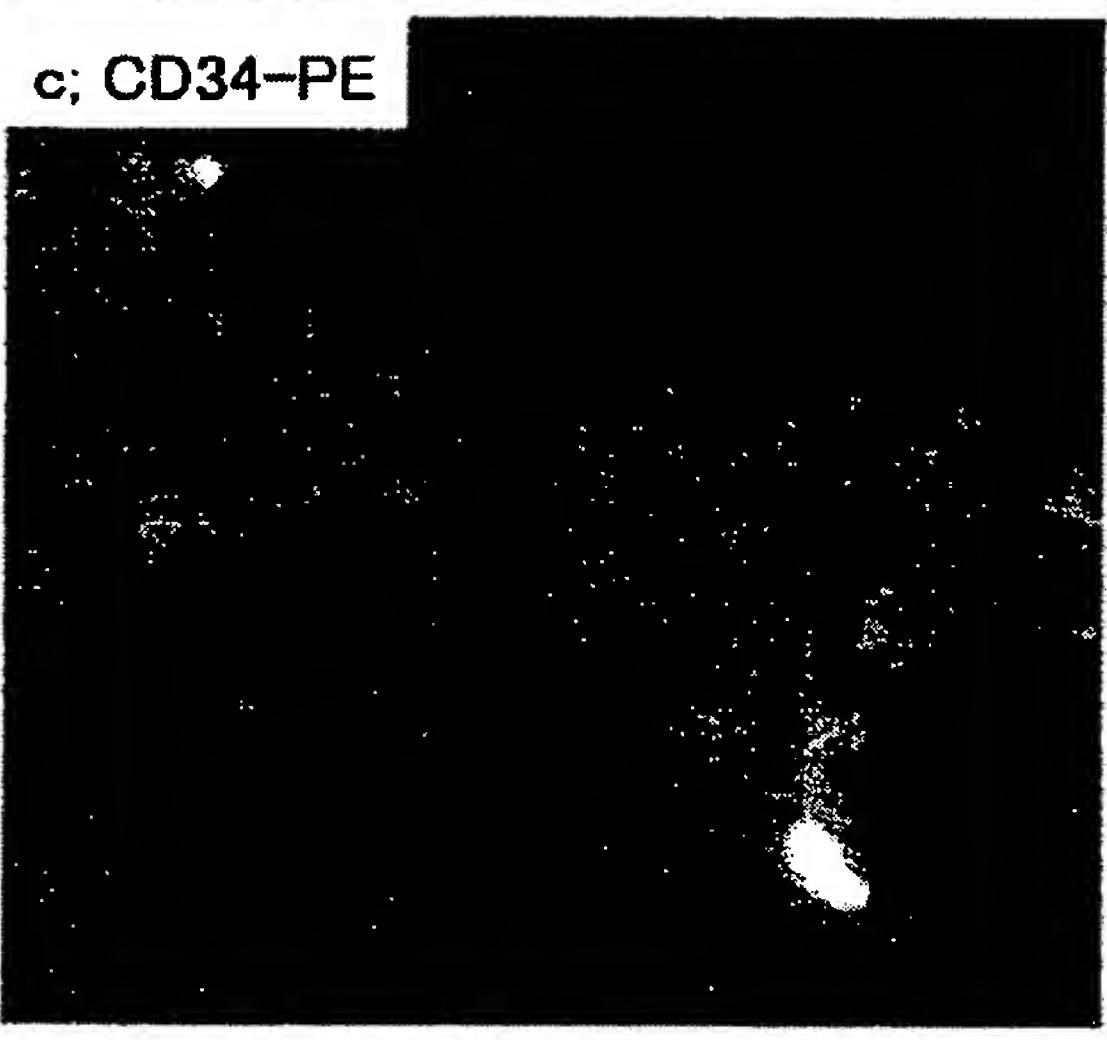
a; GFP (ACHROMATIC)



b; RAT IgG2a-PE



c; CD34-PE



d; CD31-PE



e; VE-CADHERIN

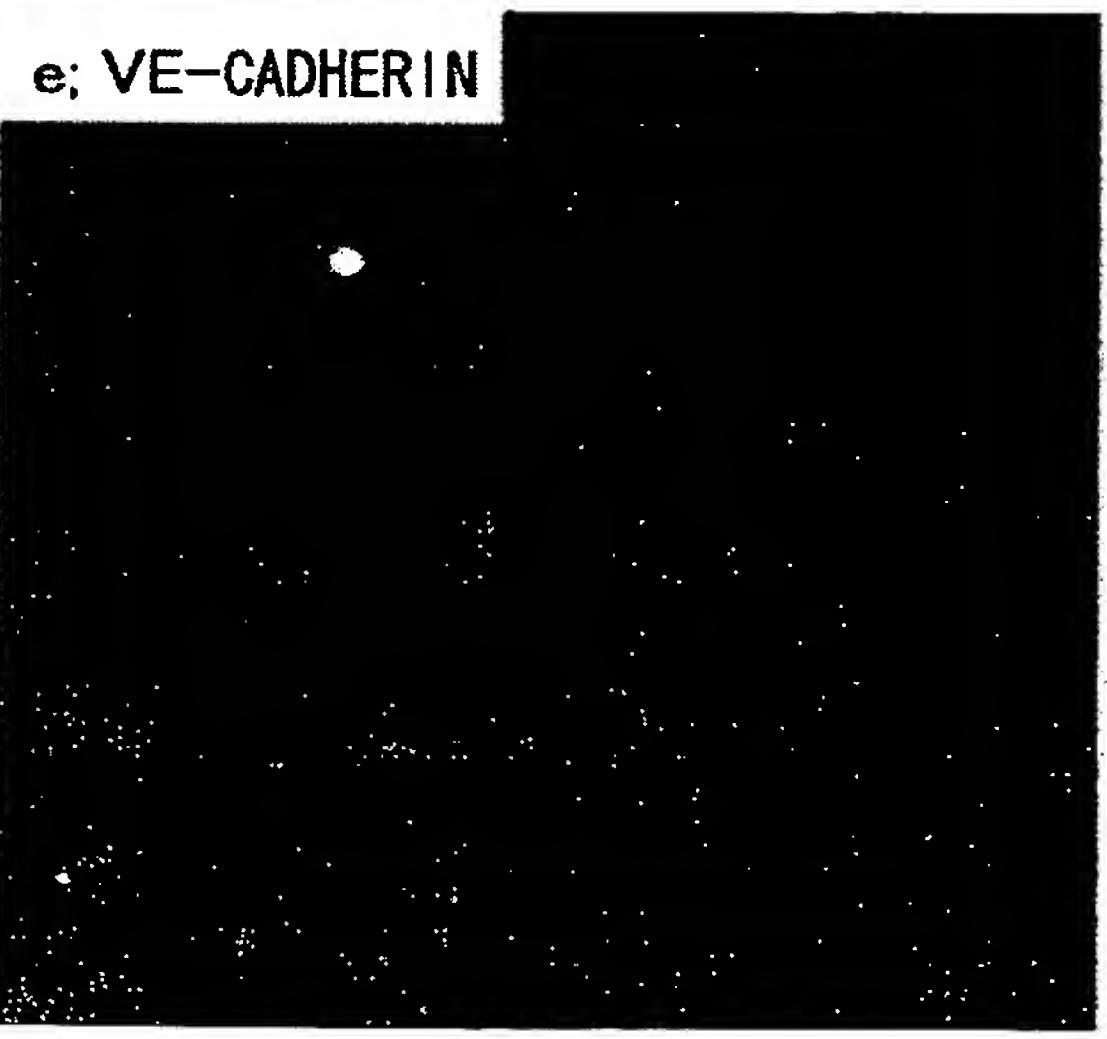


FIG. 4

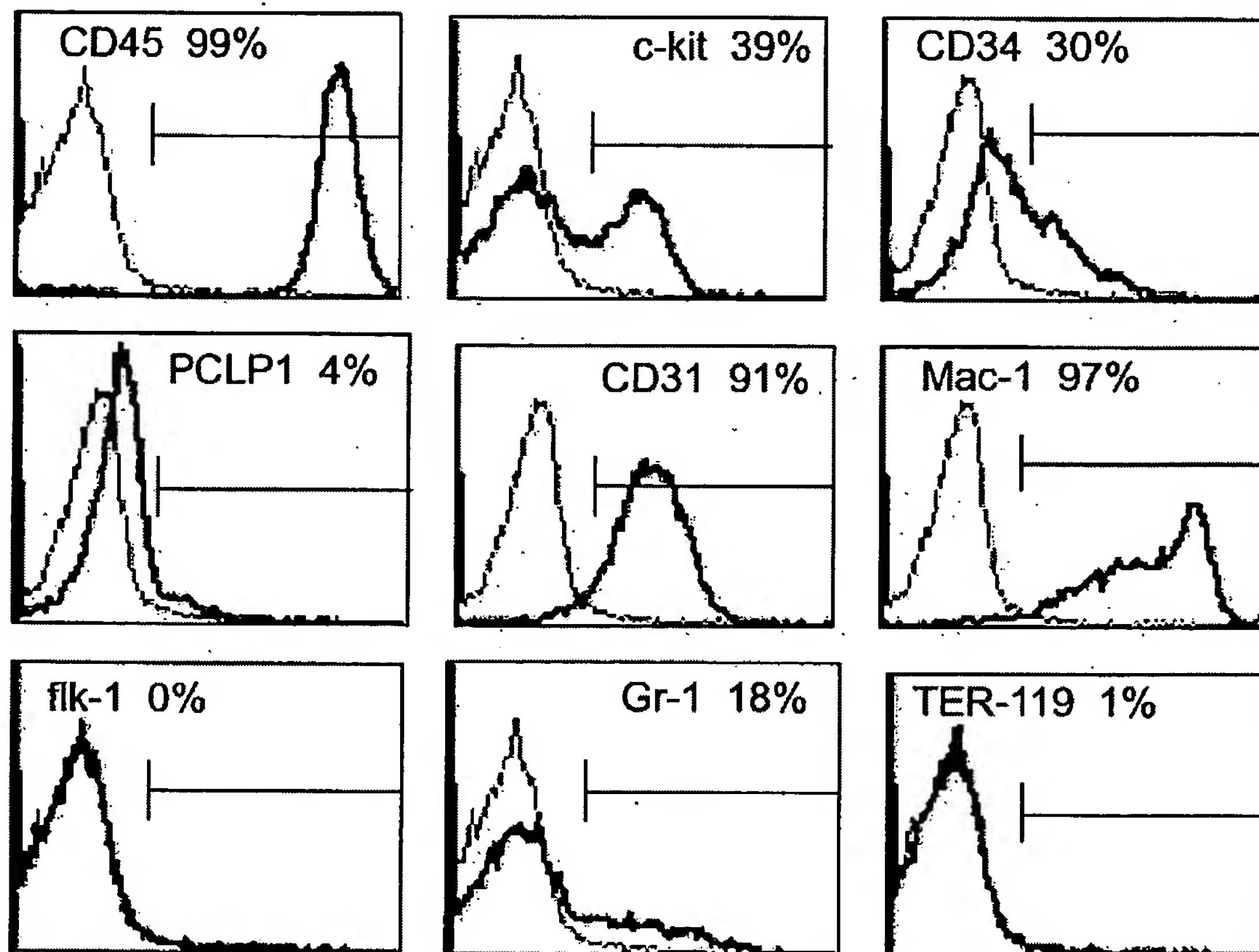
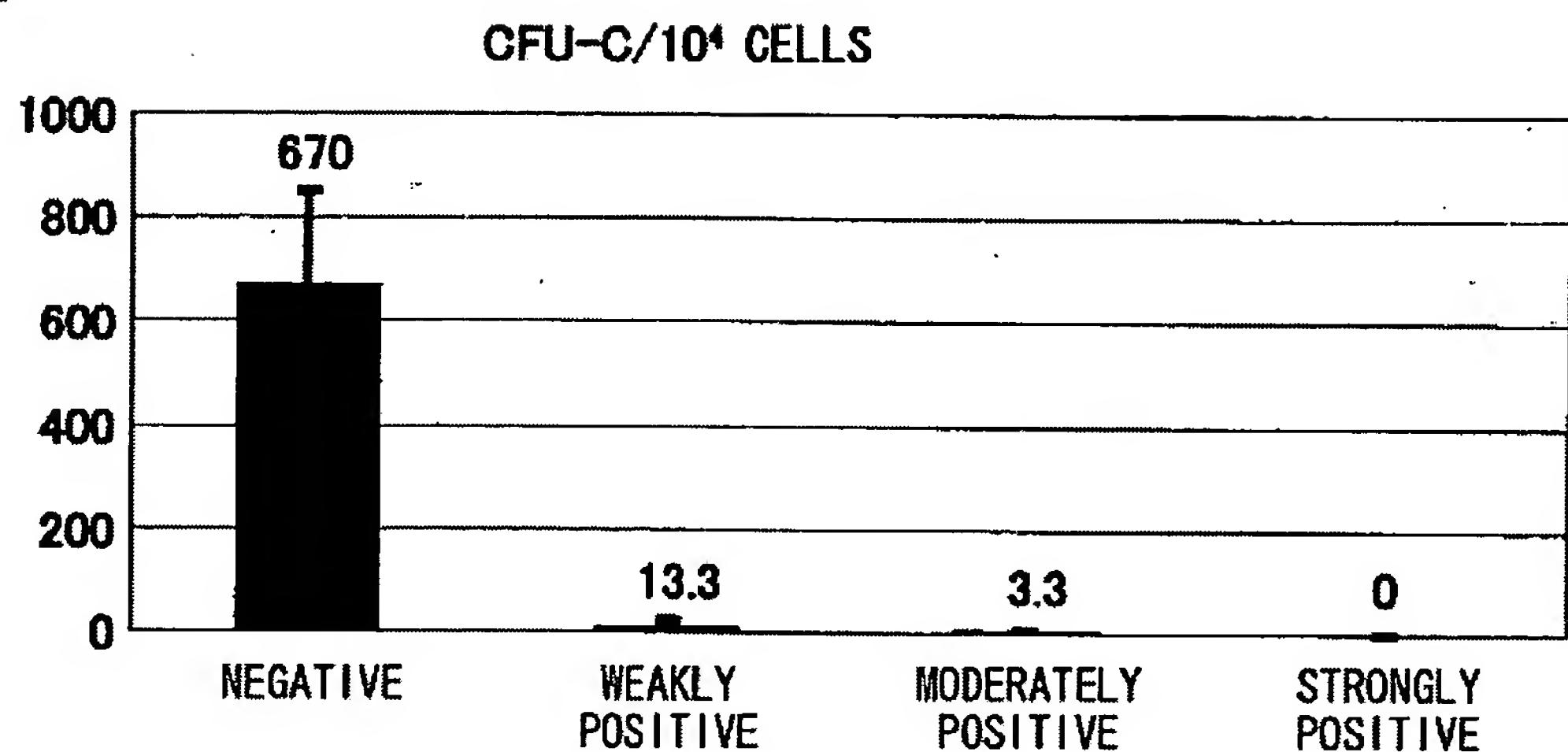
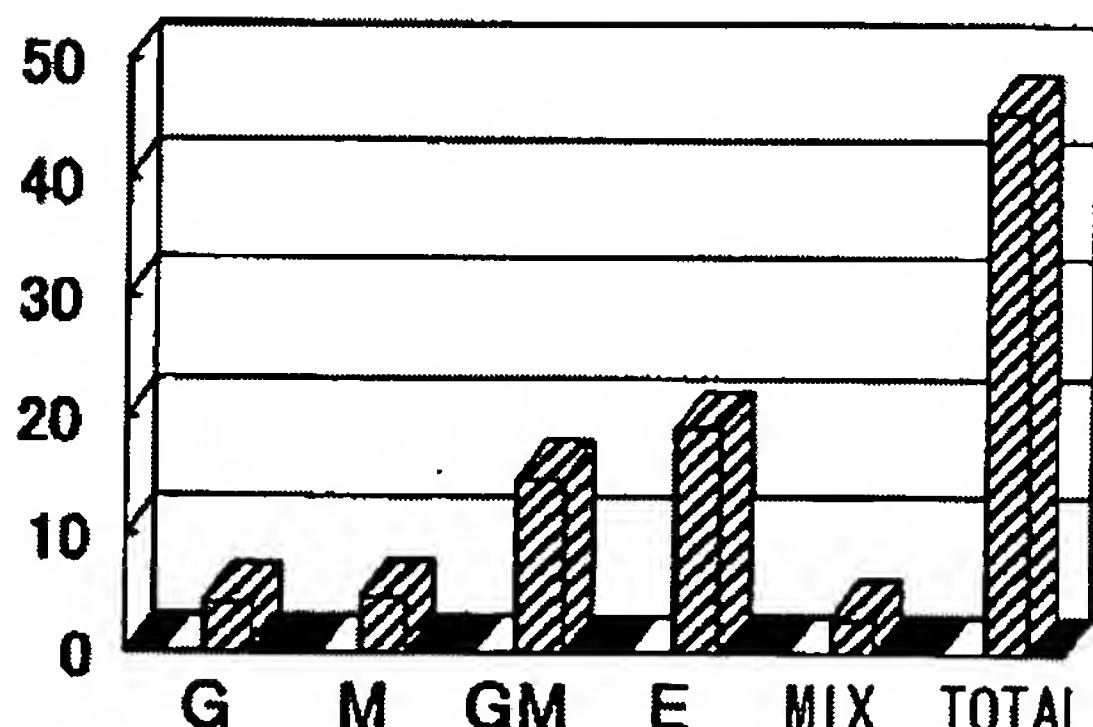


FIG. 5

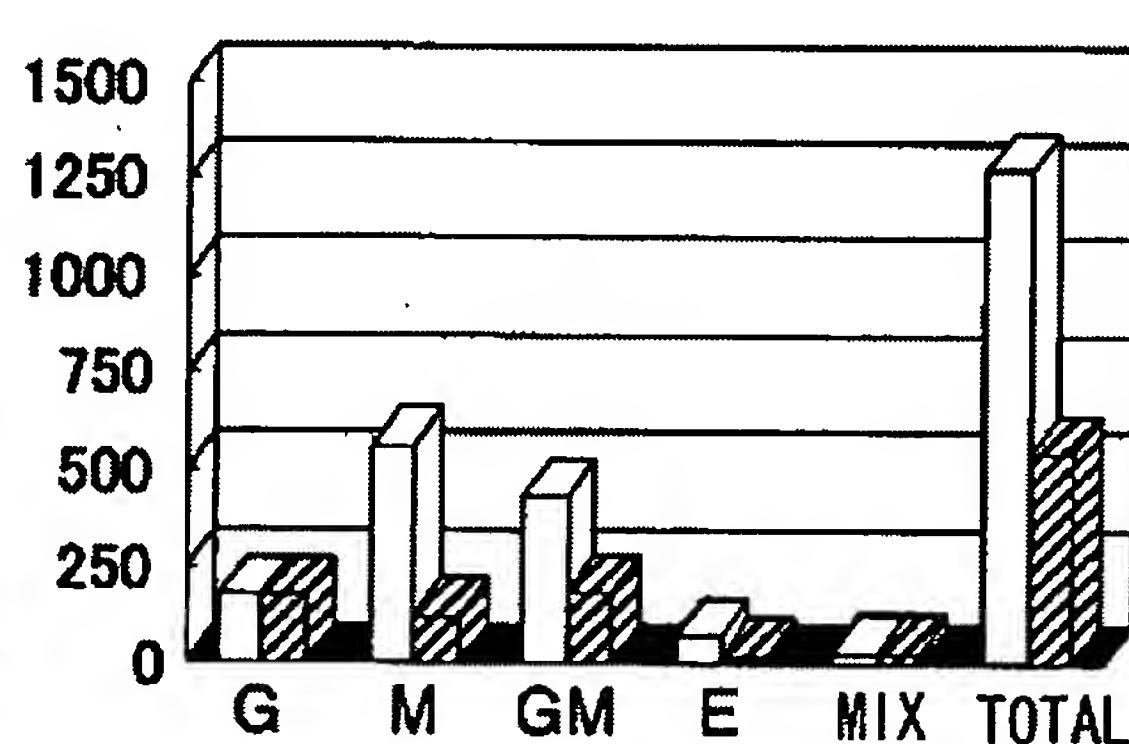
a)



b)



c)



■ A: PCLP1 WEAKLY POSITIVE/NEGATIVE
□ B: PCLP1 MODERATELY POSITIVE

FIG. 6

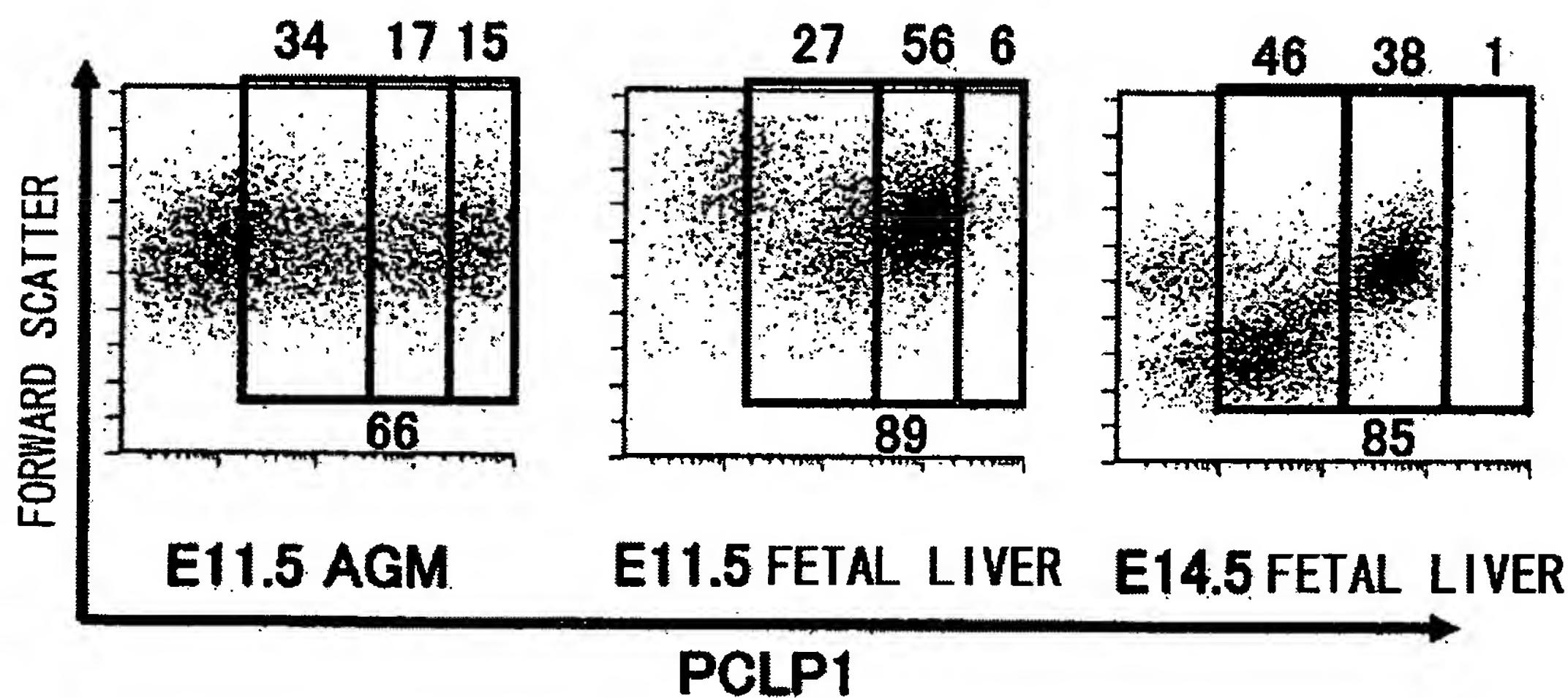


FIG. 7

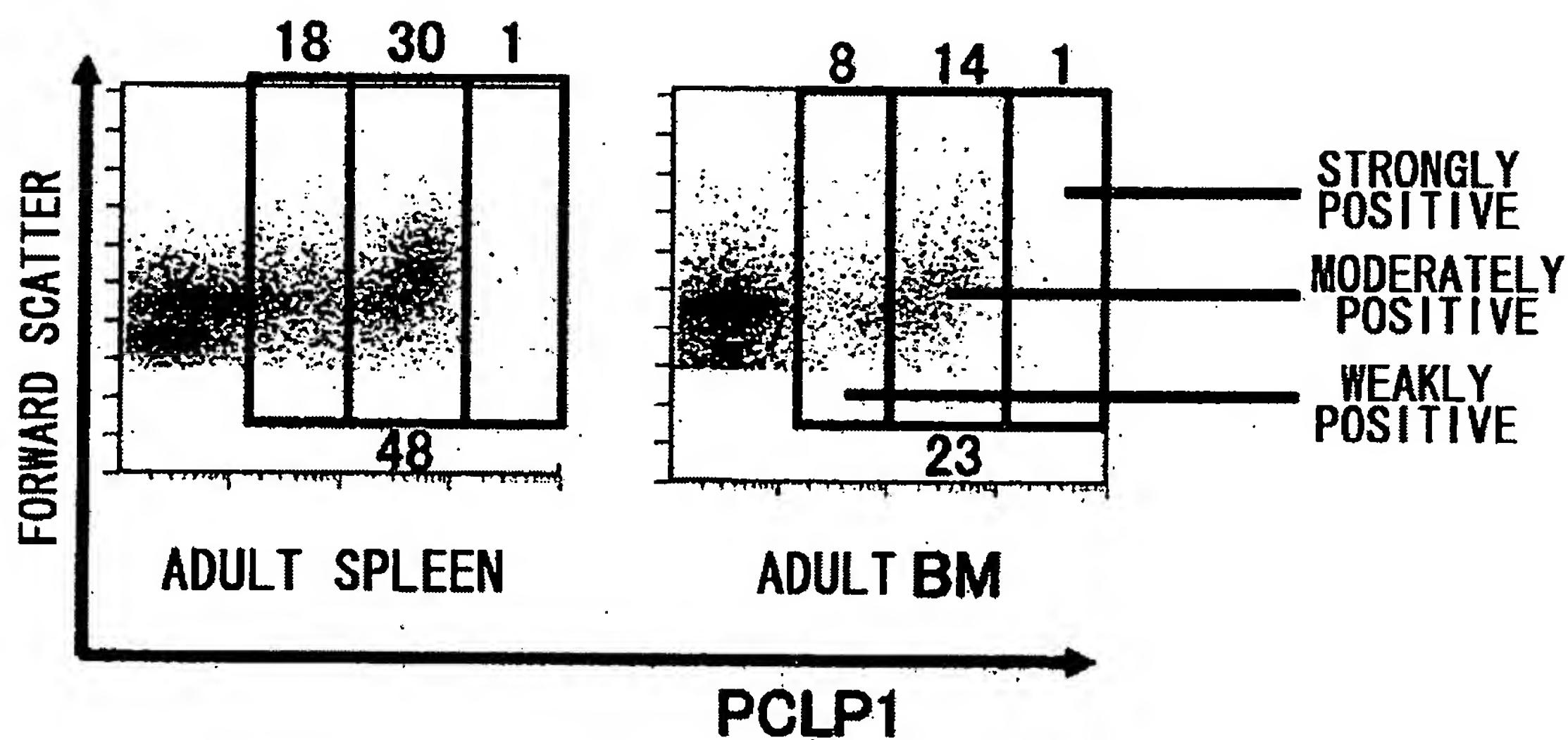


FIG. 8

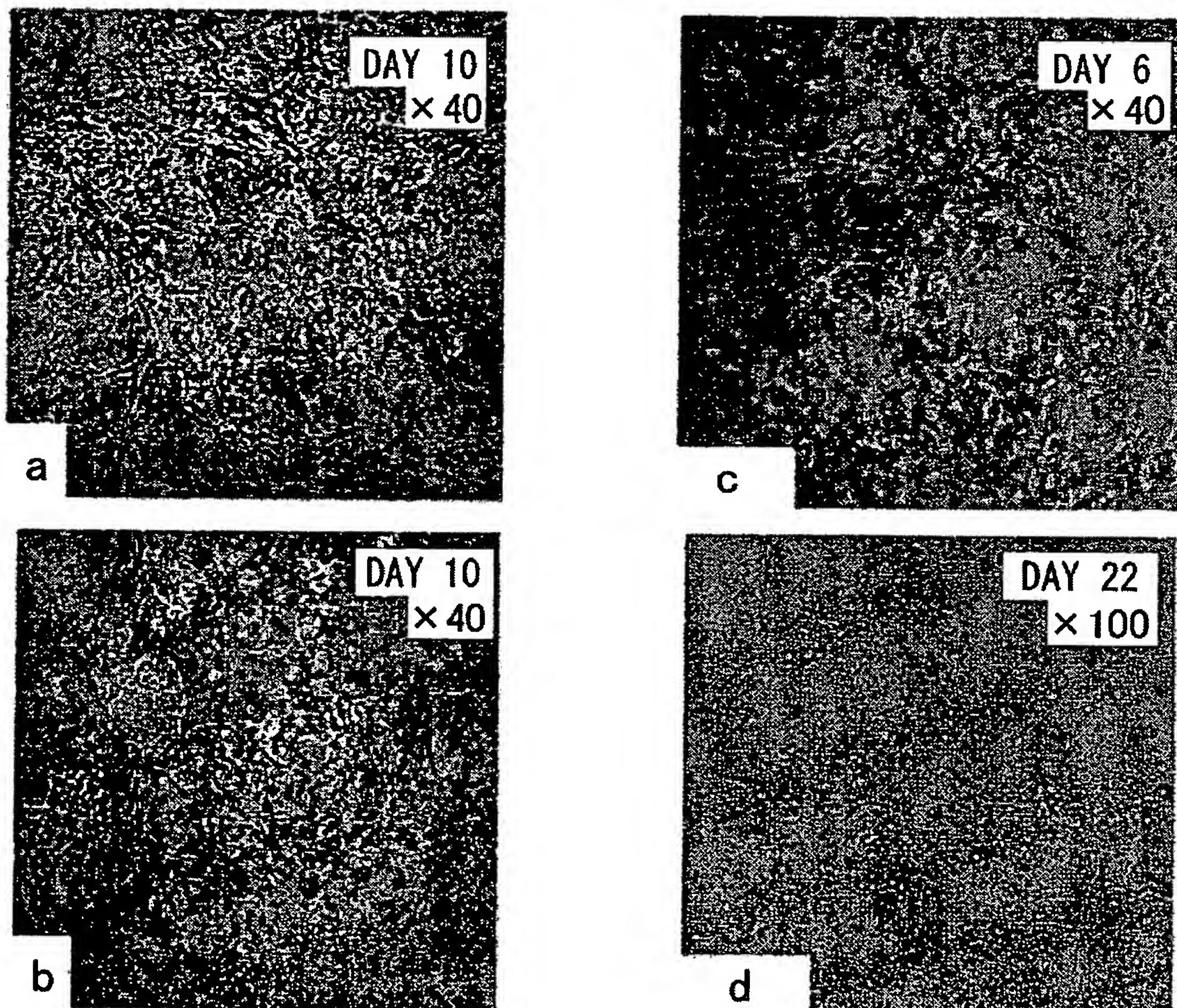


FIG. 9

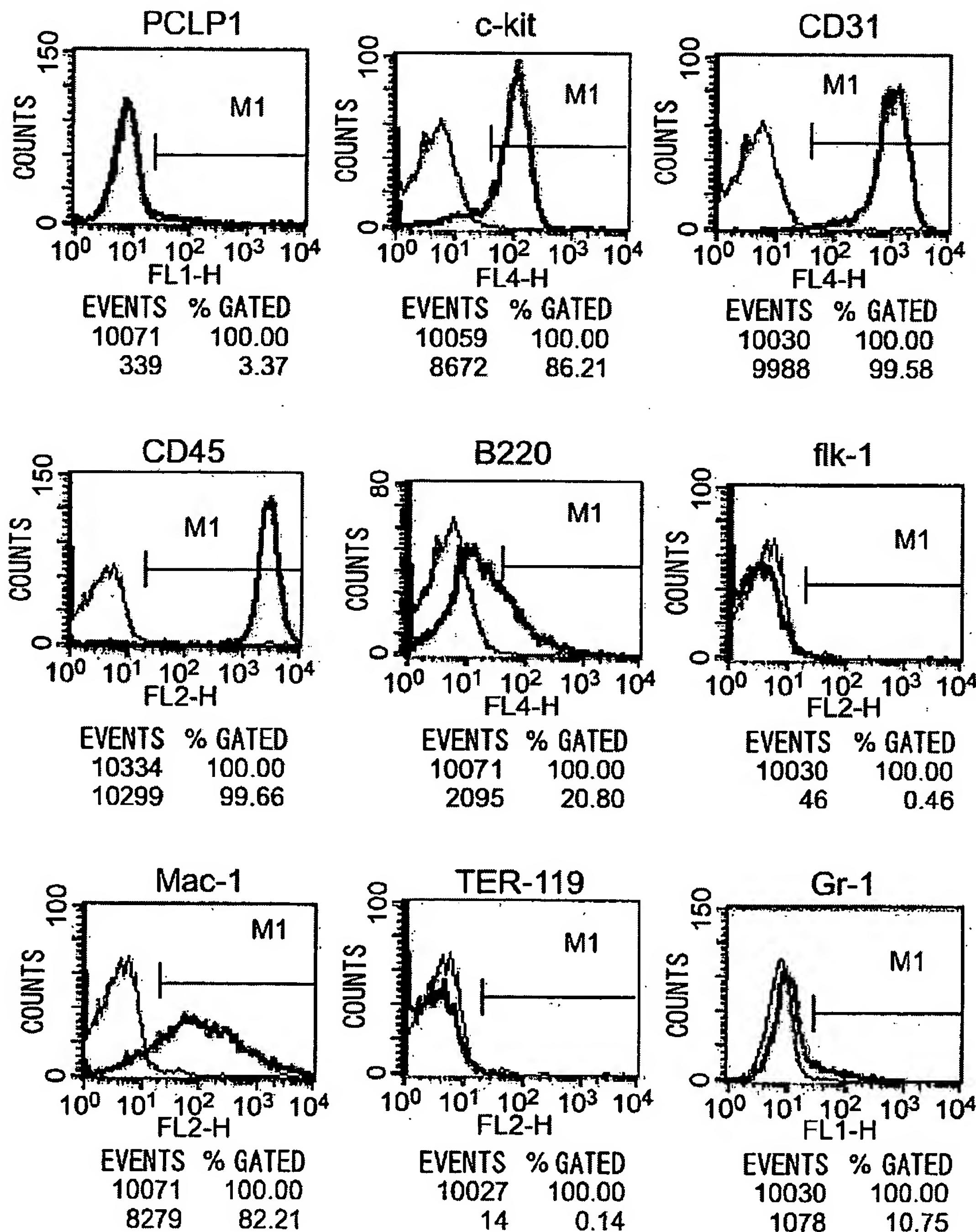
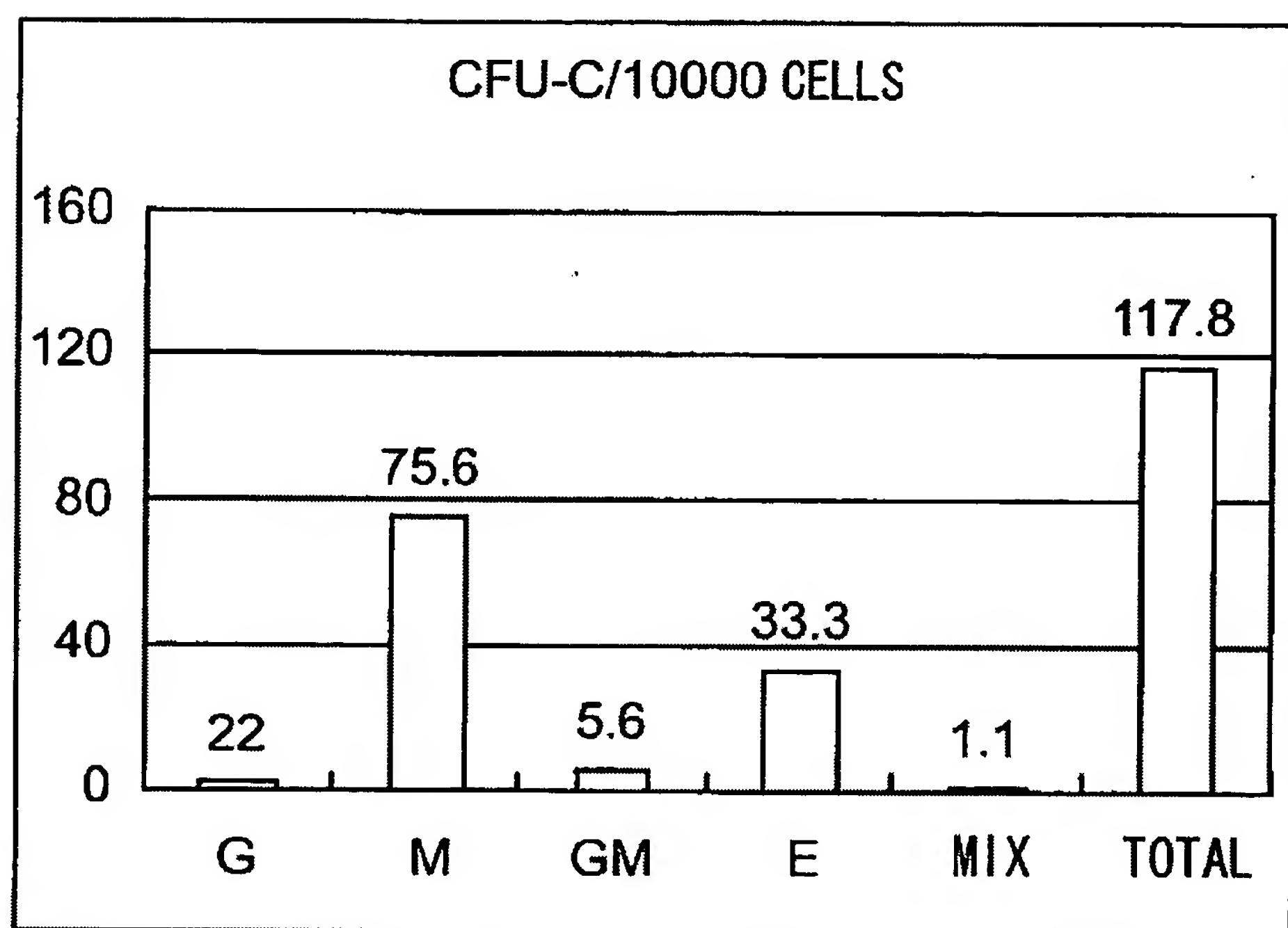


FIG. 10

a)



b)

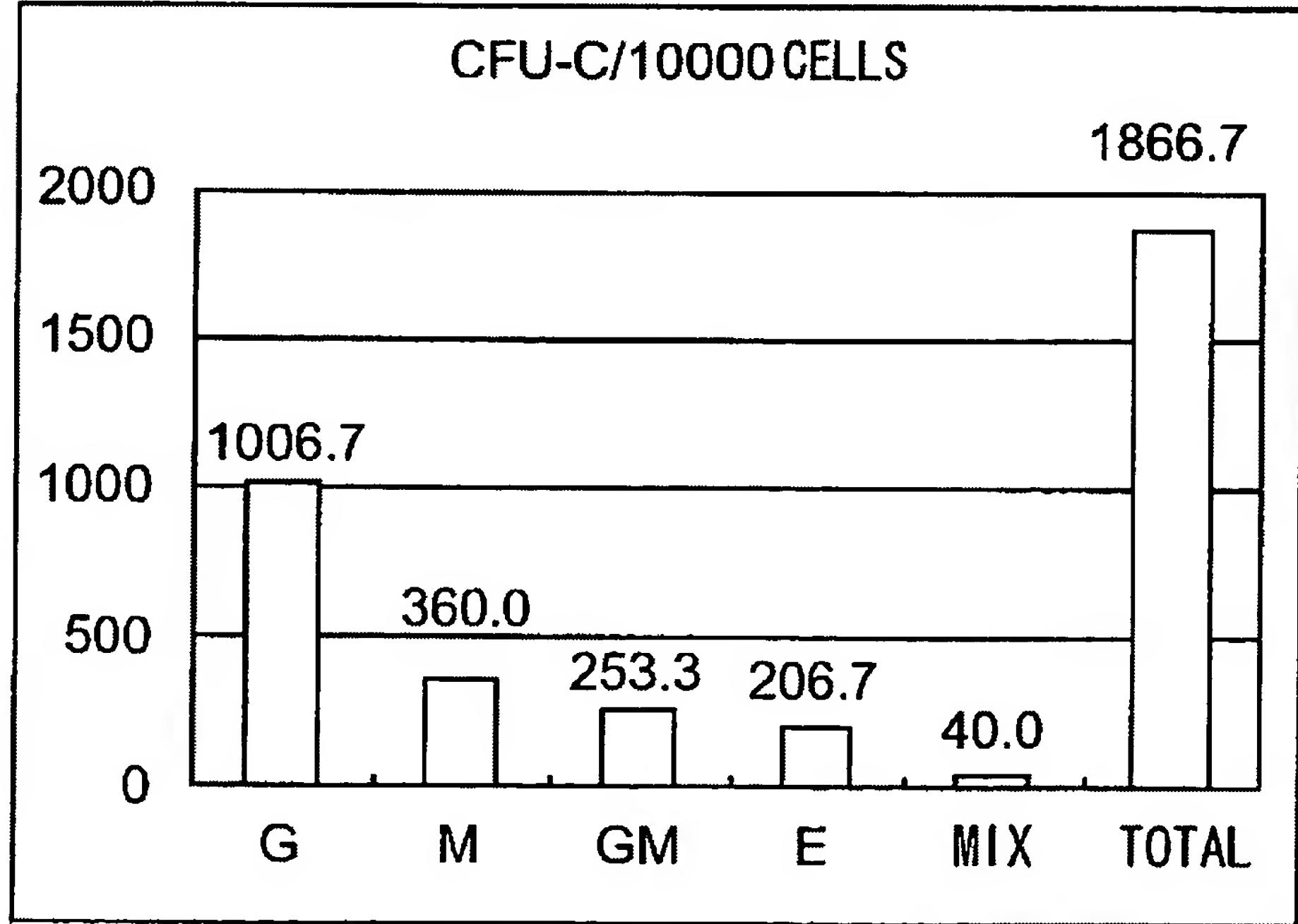
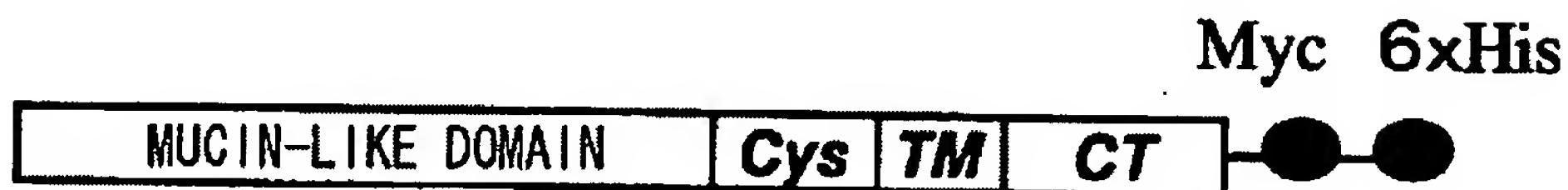


FIG. 11

MEMBRANE-EXPRESSED RECOMBINANT hPCLP1
(FULL LENGTH)



SECRETORY EXPRESSION RECOMBINANT hPCLP1
(EXTRAMEMBRANE REGION)

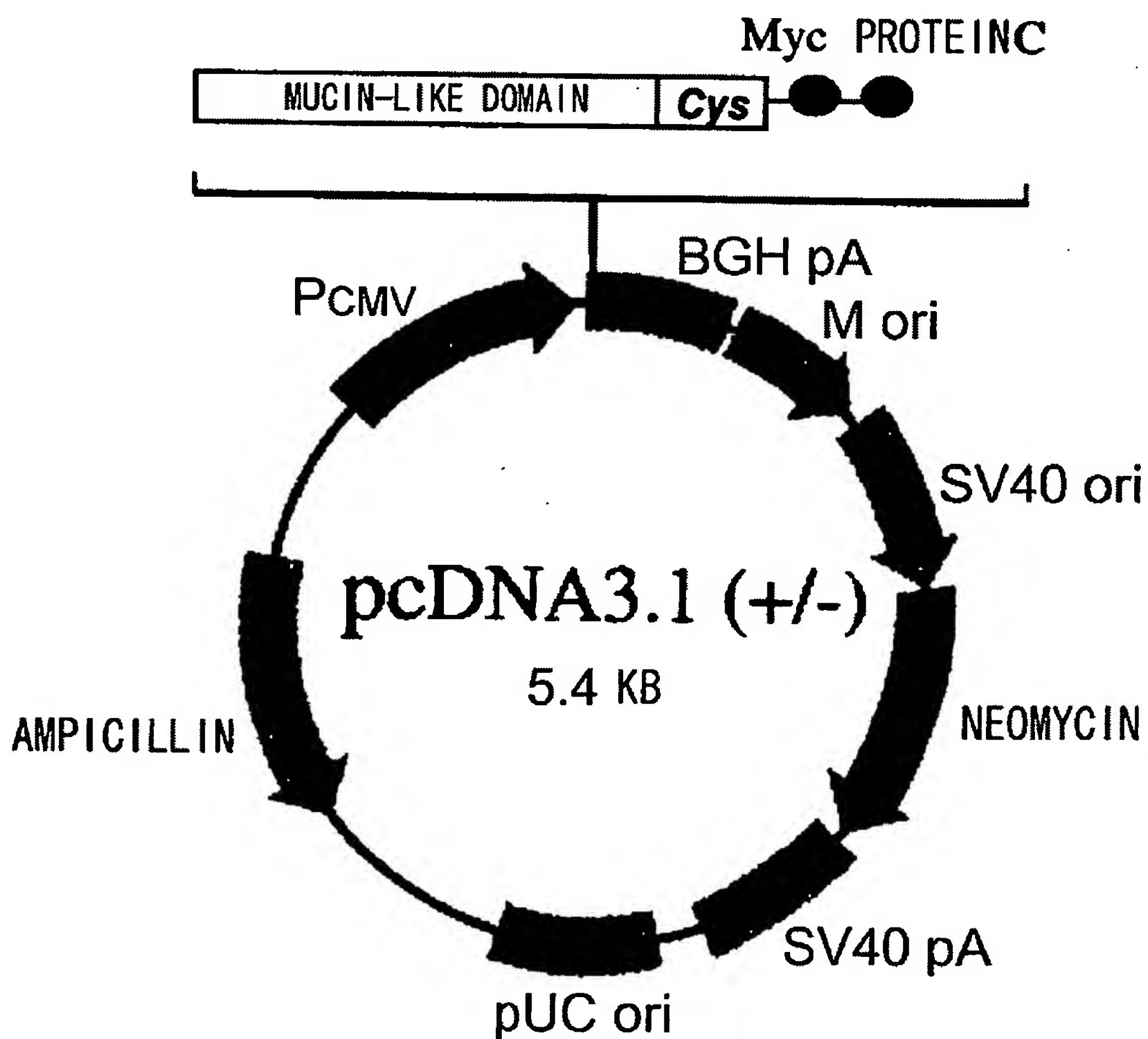


FIG. 12

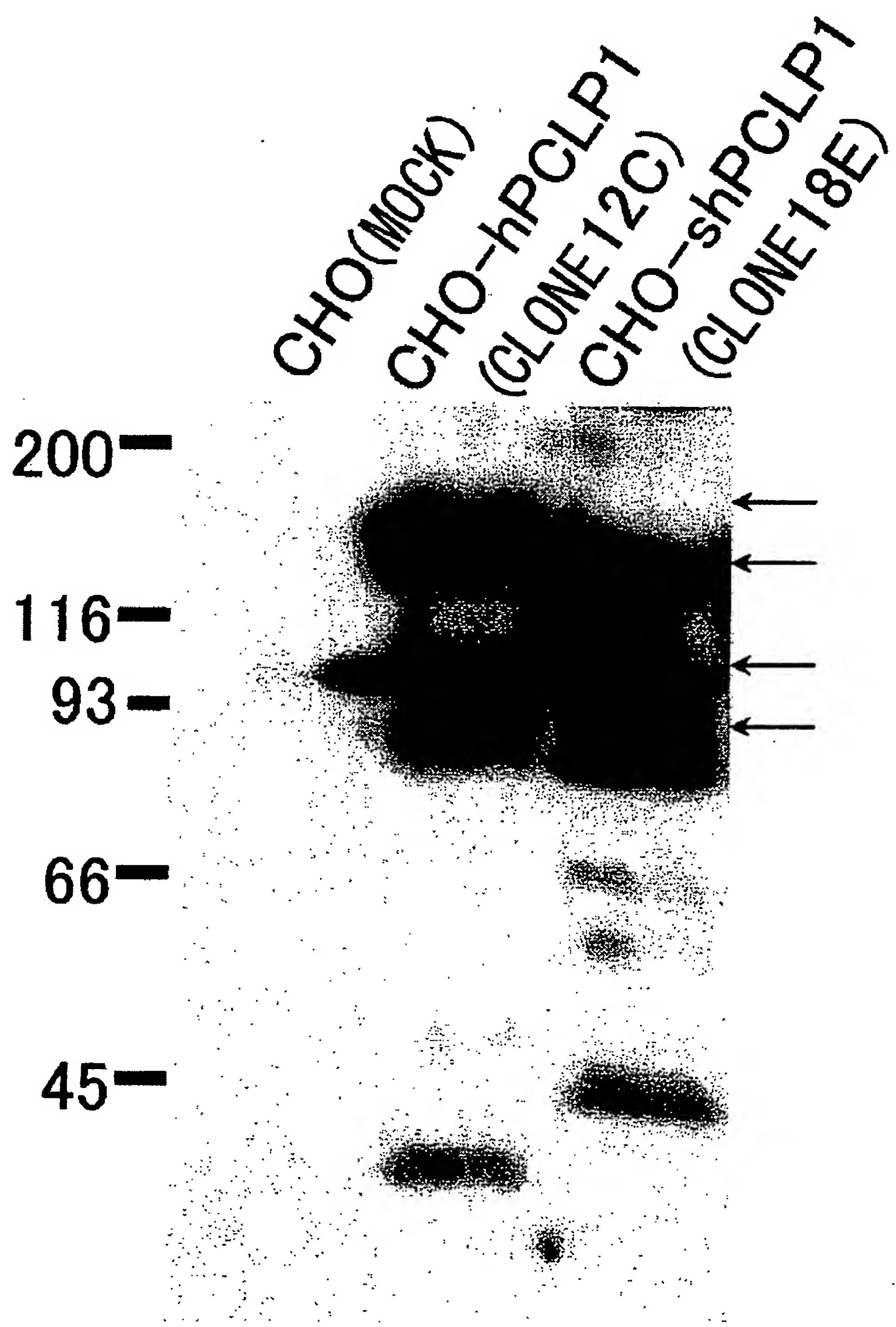


FIG. 13

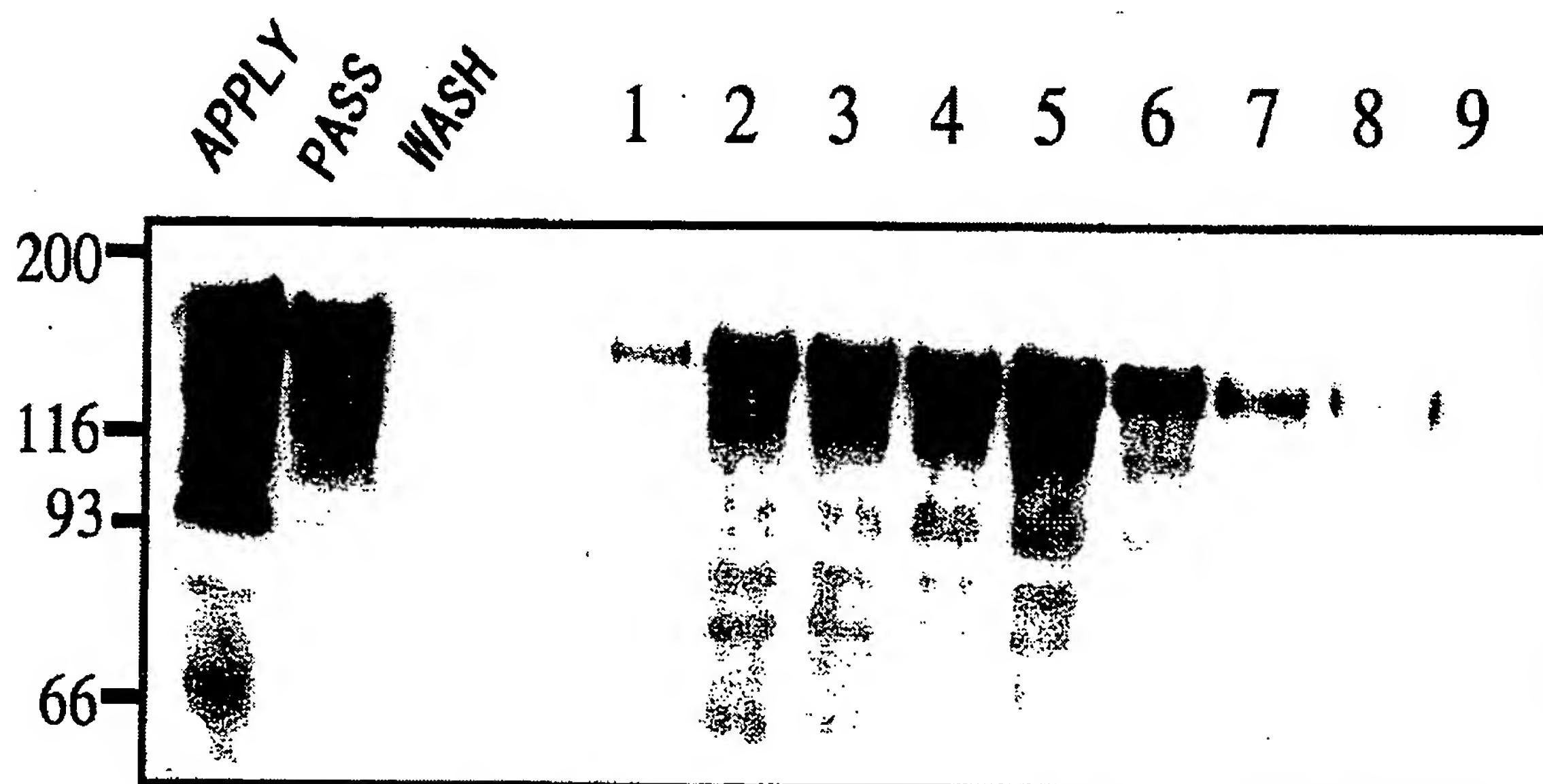
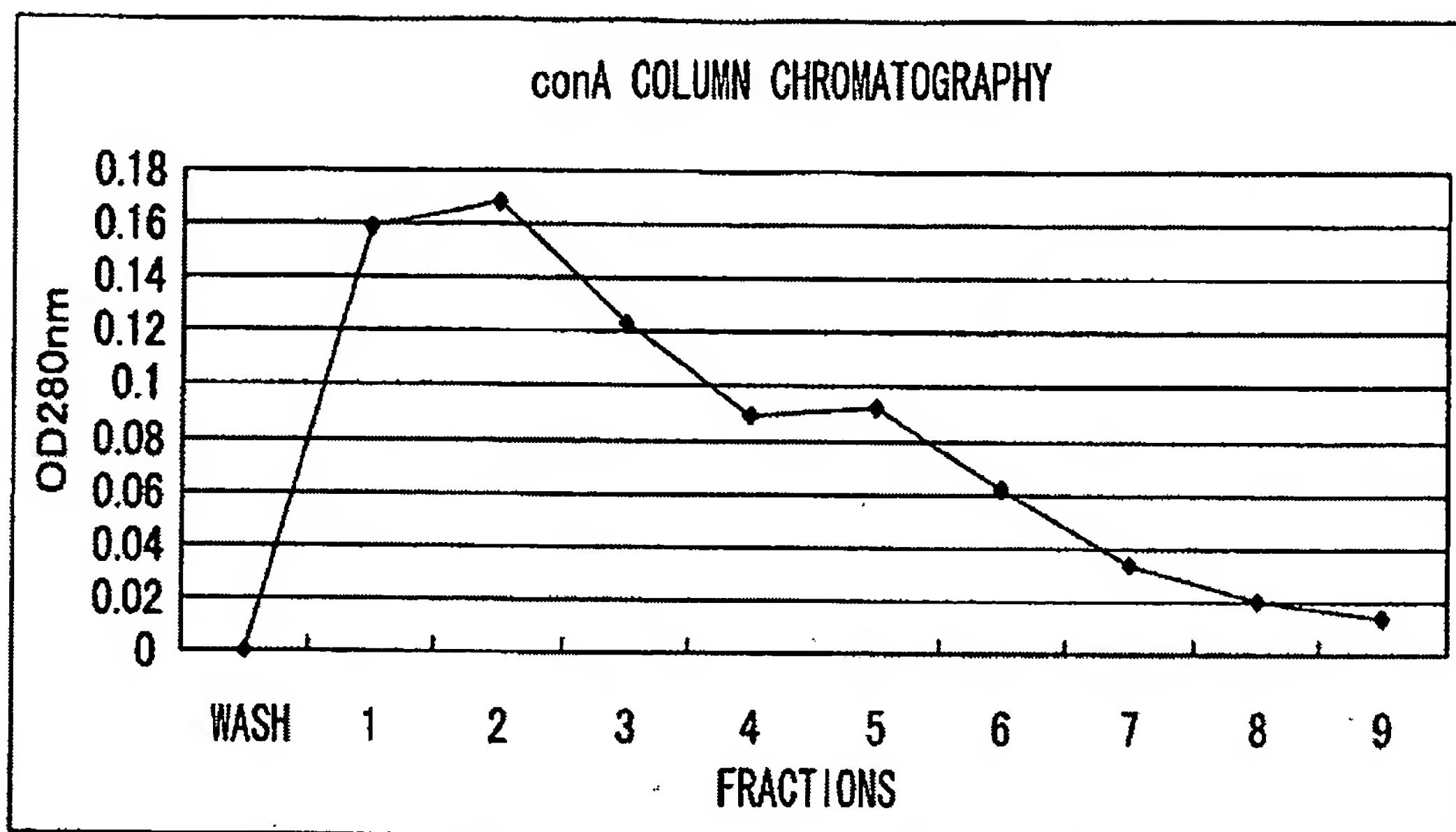


FIG. 14

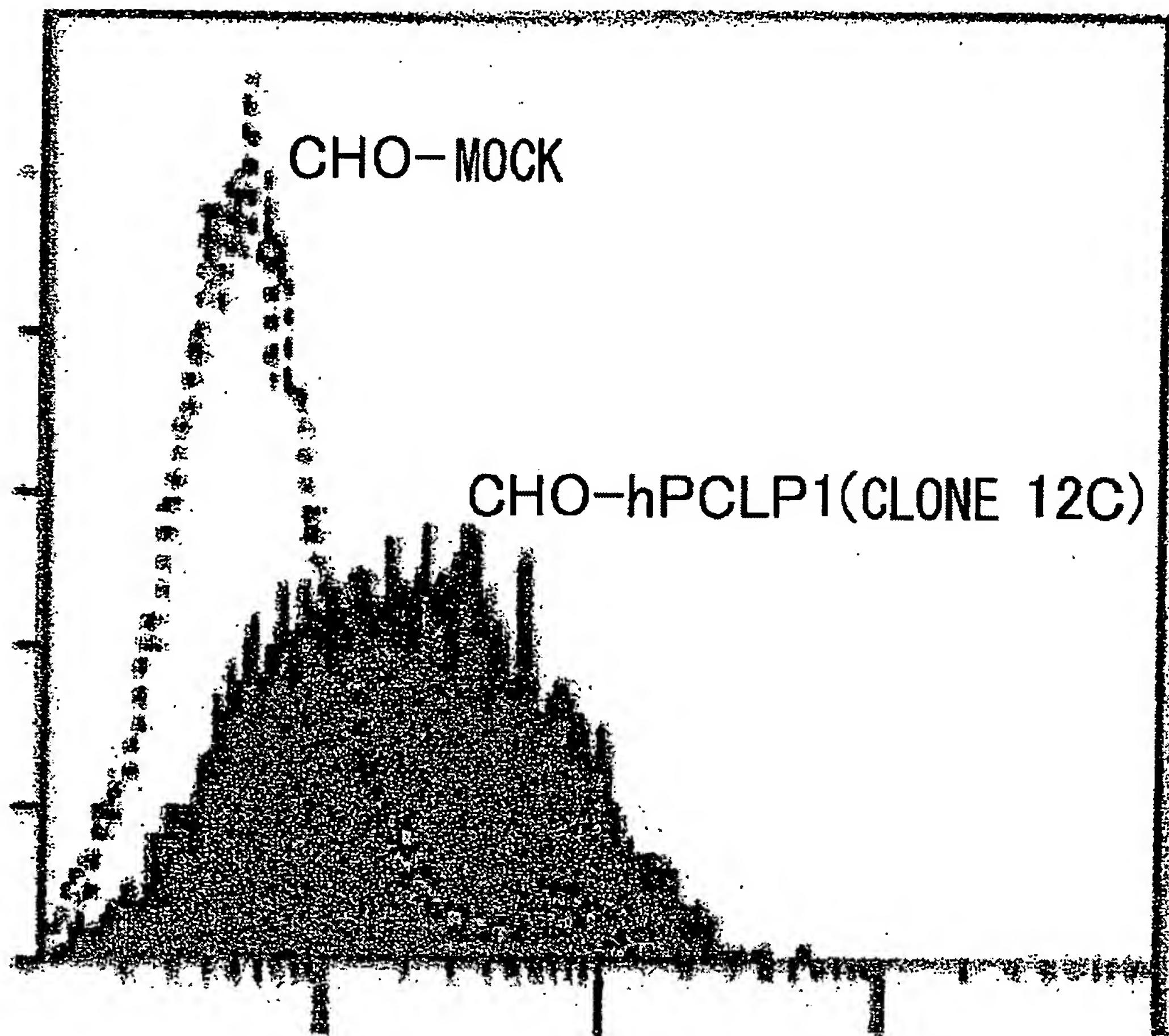
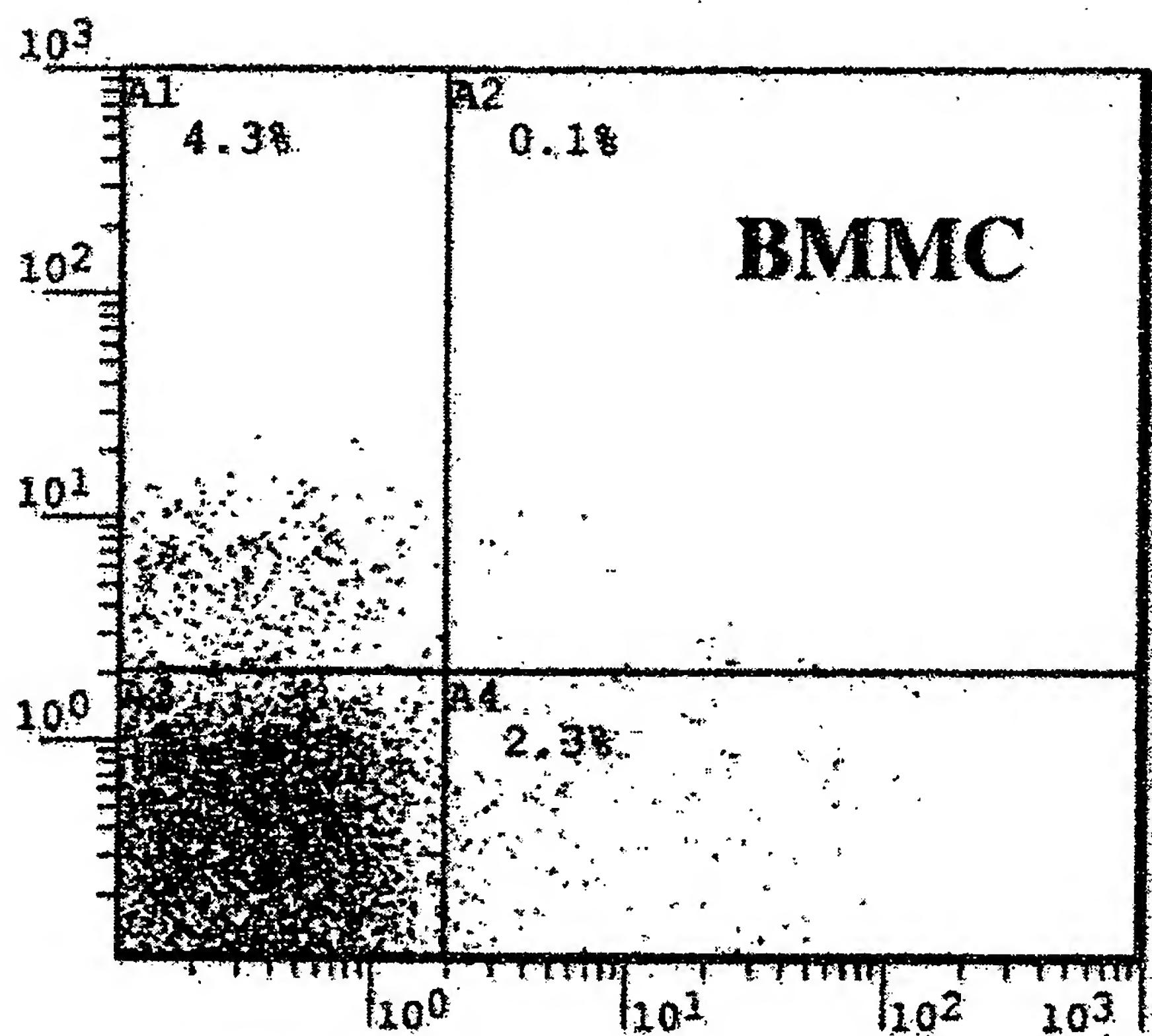


FIG. 15



四
三
二
一

PCLP1

-FITC

FIG. 16

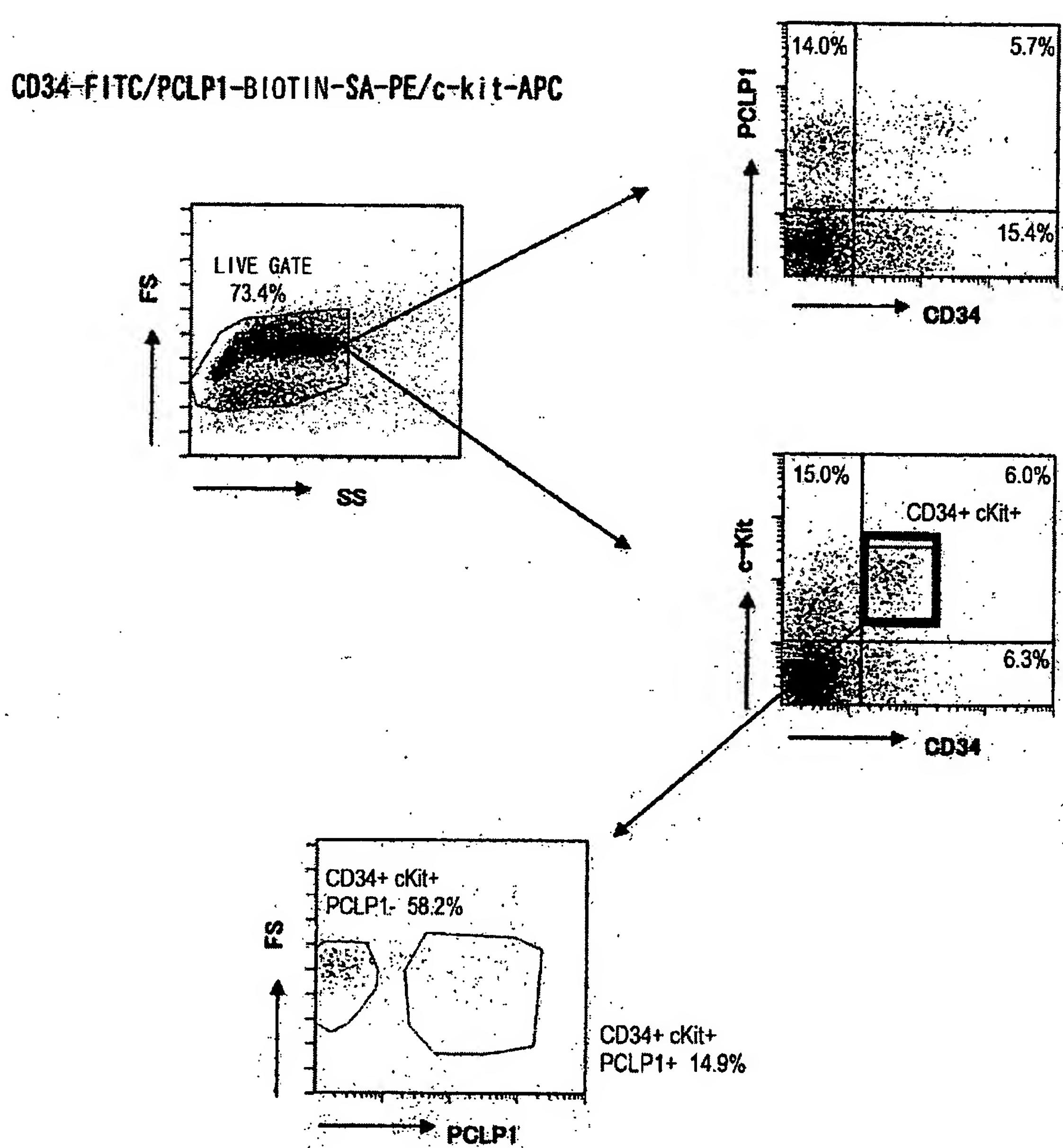
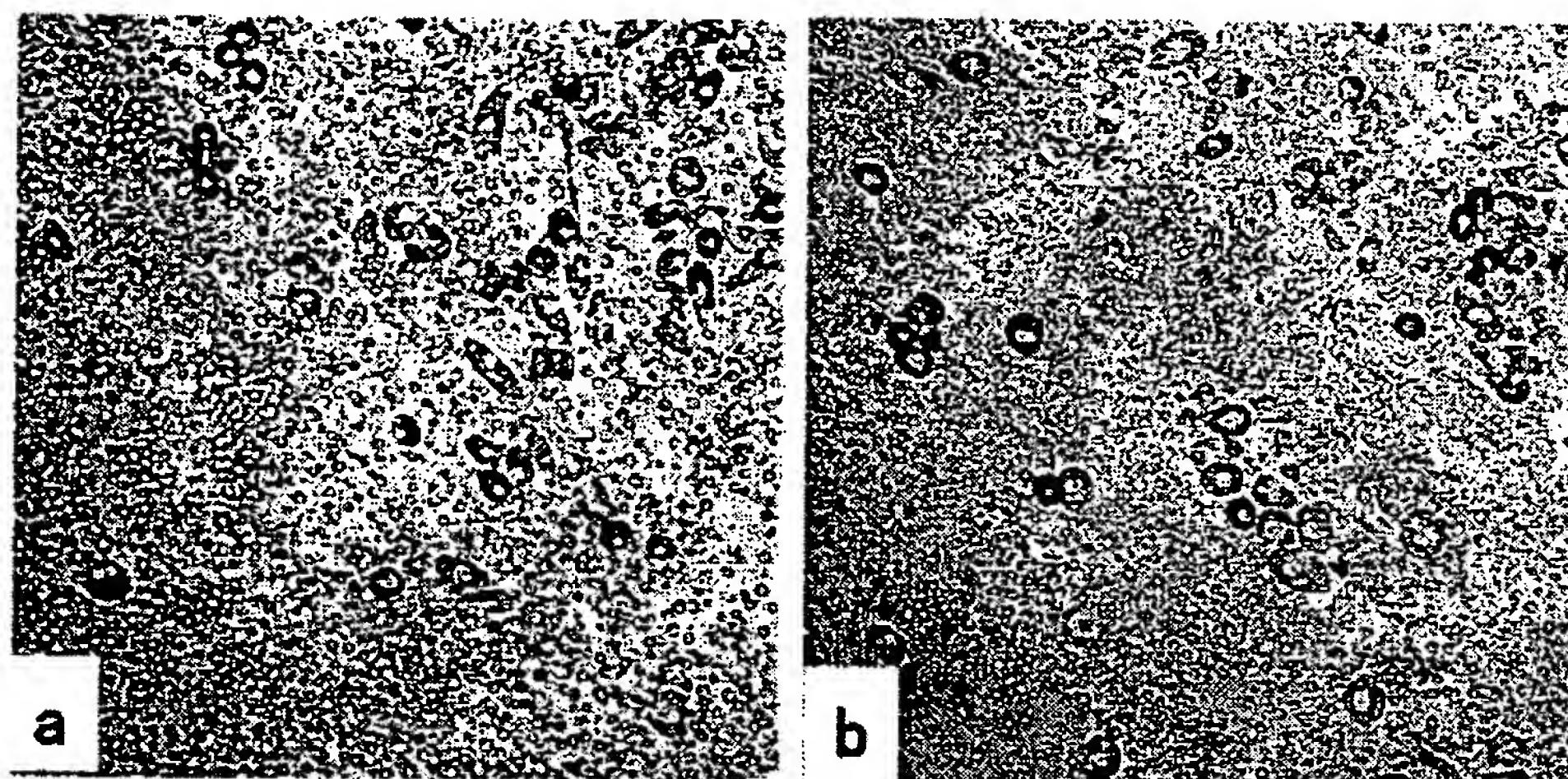


FIG. 17

1. DAY 10 (x 100)



2. DAY 15 (x 100)

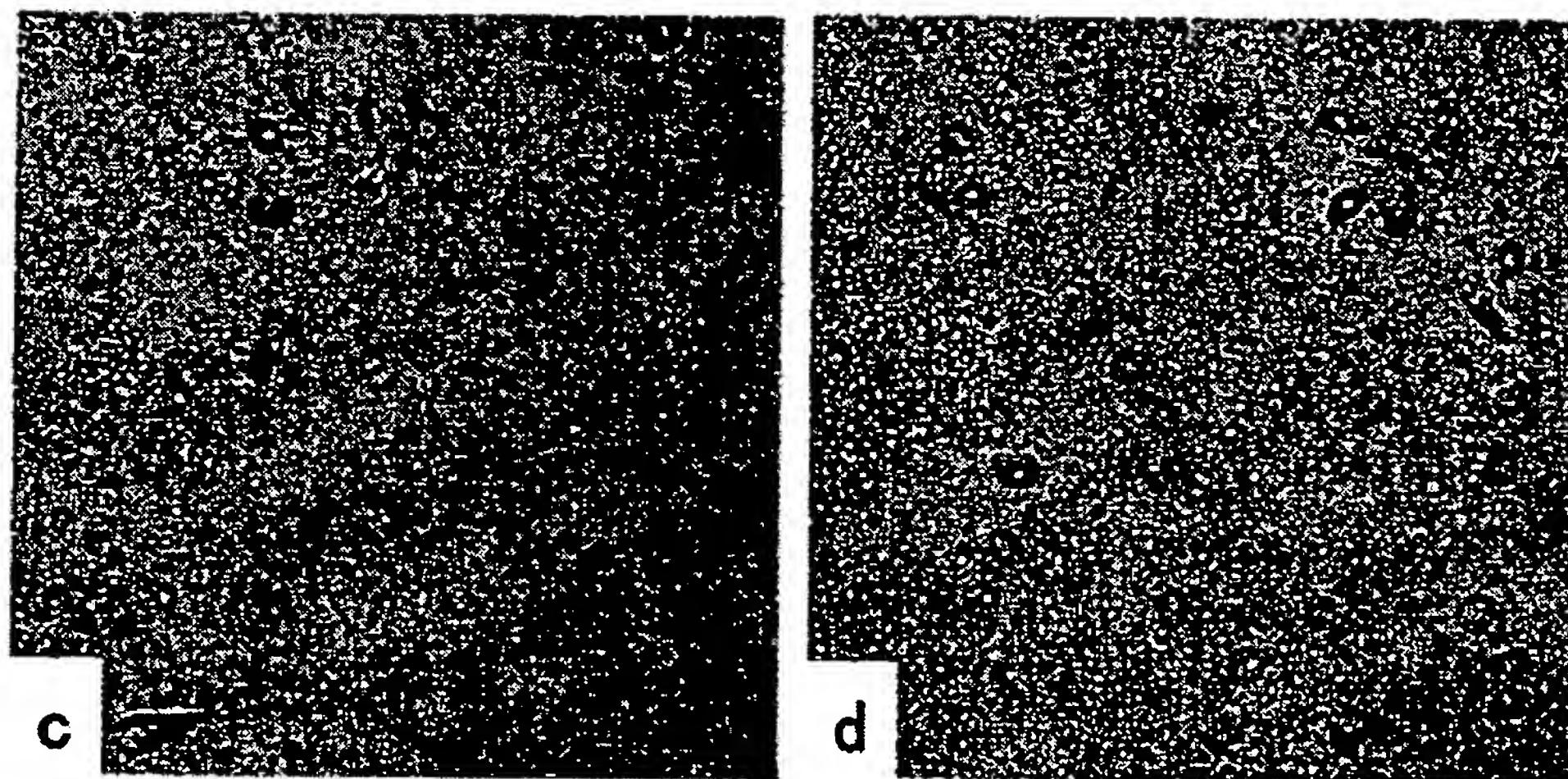


FIG. 18

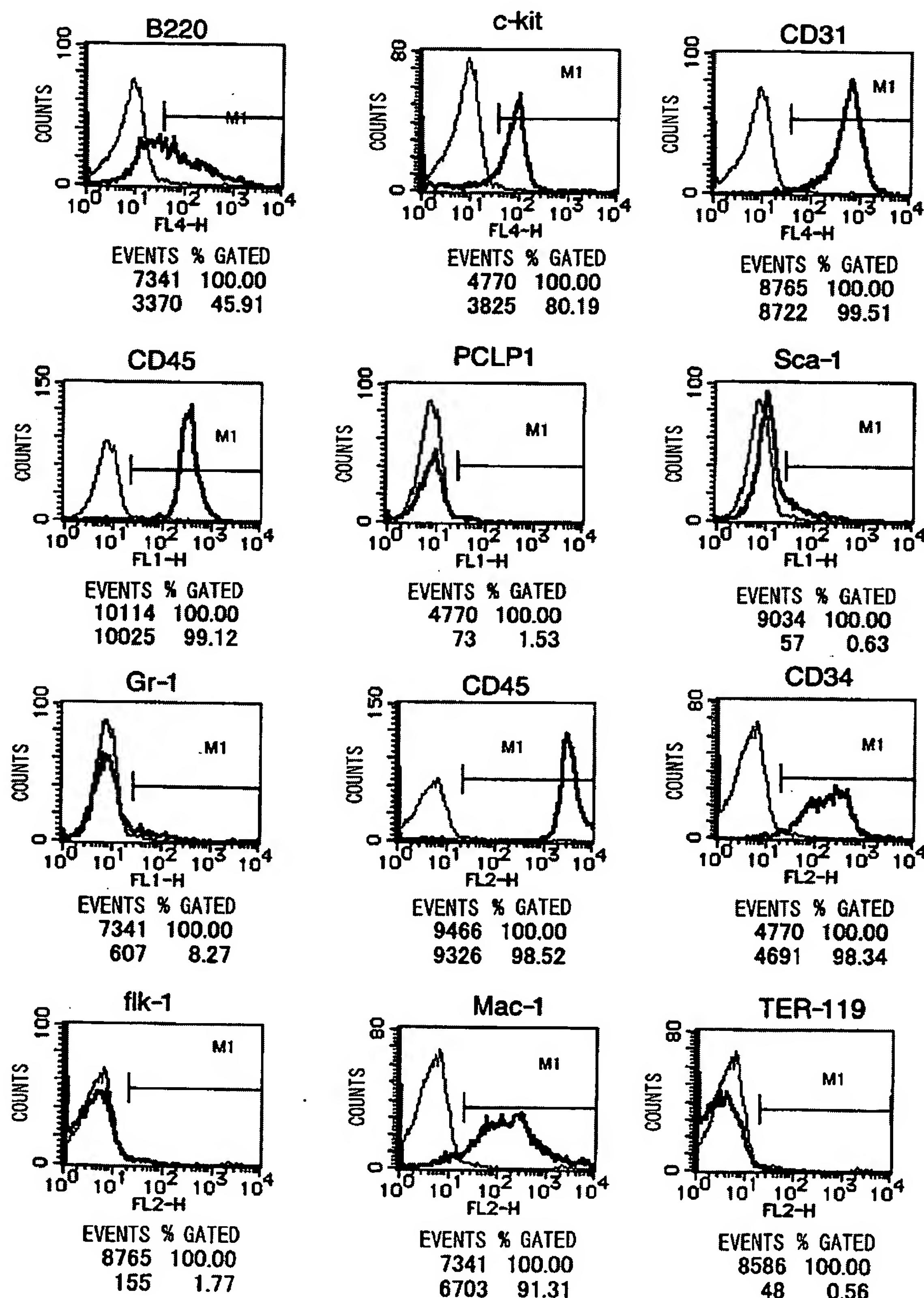


FIG. 19

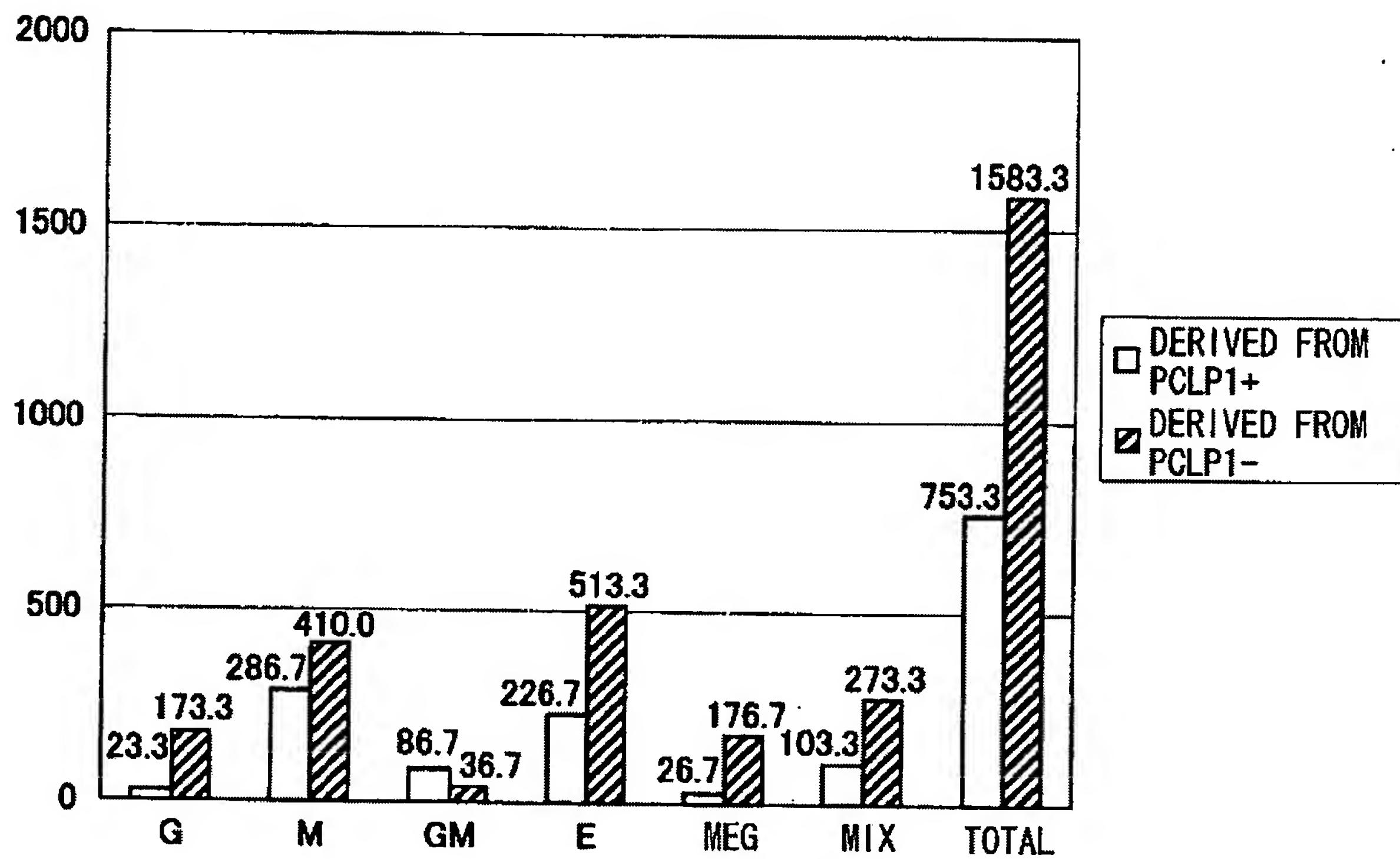


FIG. 20

DAY 10 (x 40)

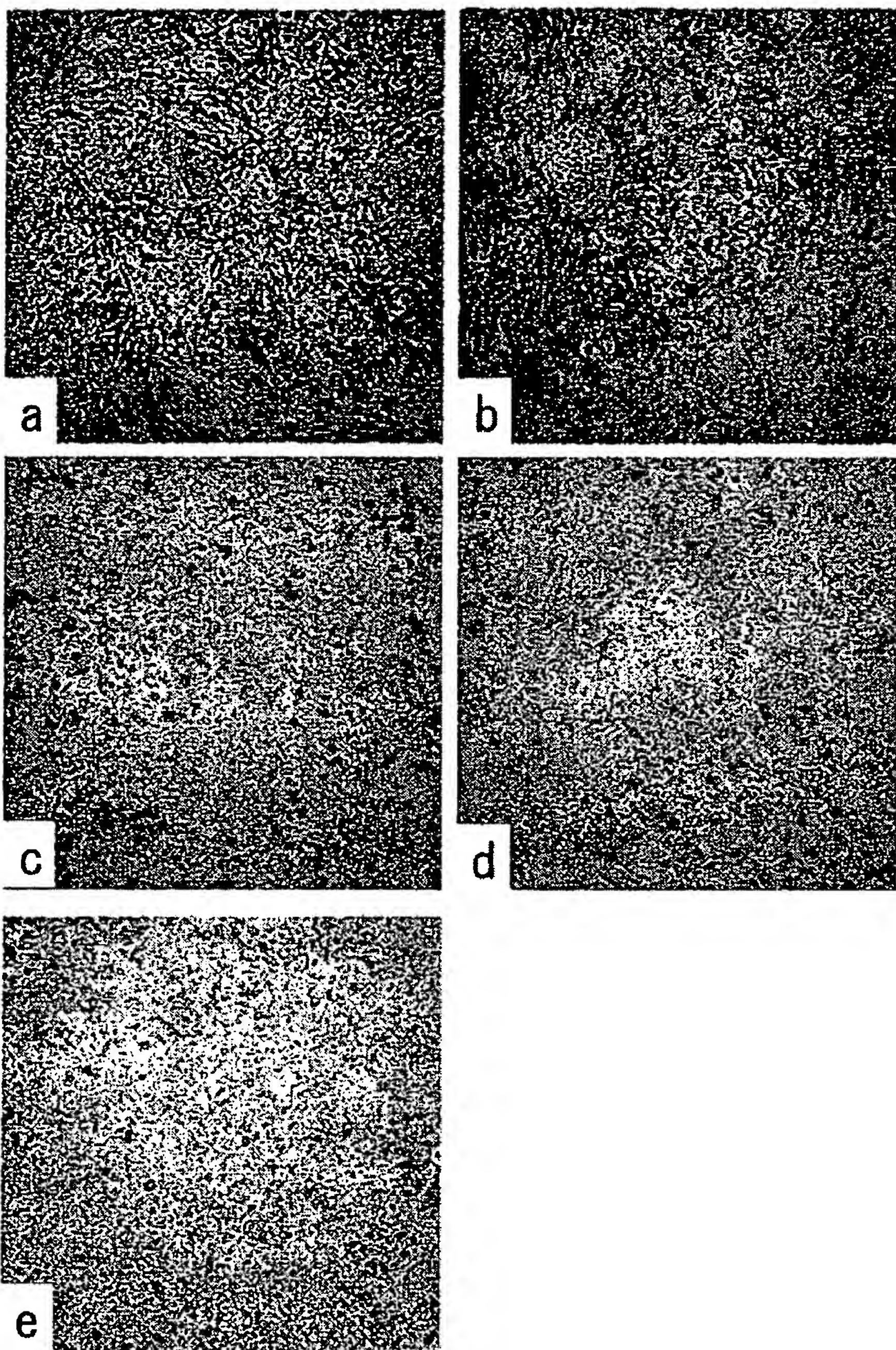
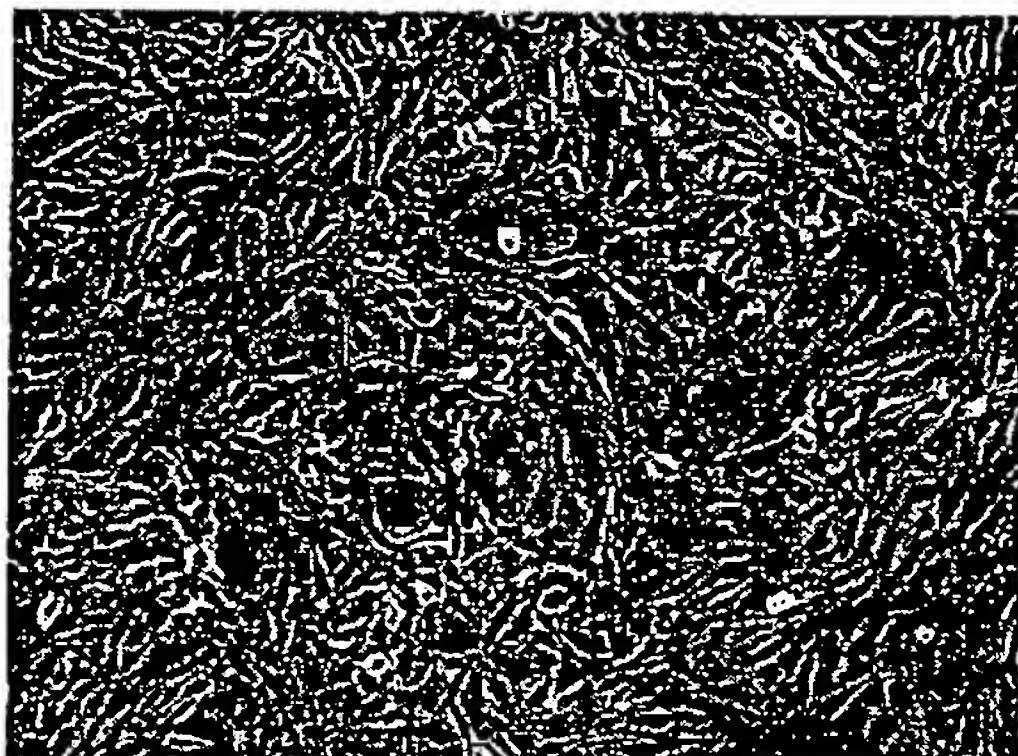


FIG. 21

WHOLE BONE MARROW CELLS



PCLP1-

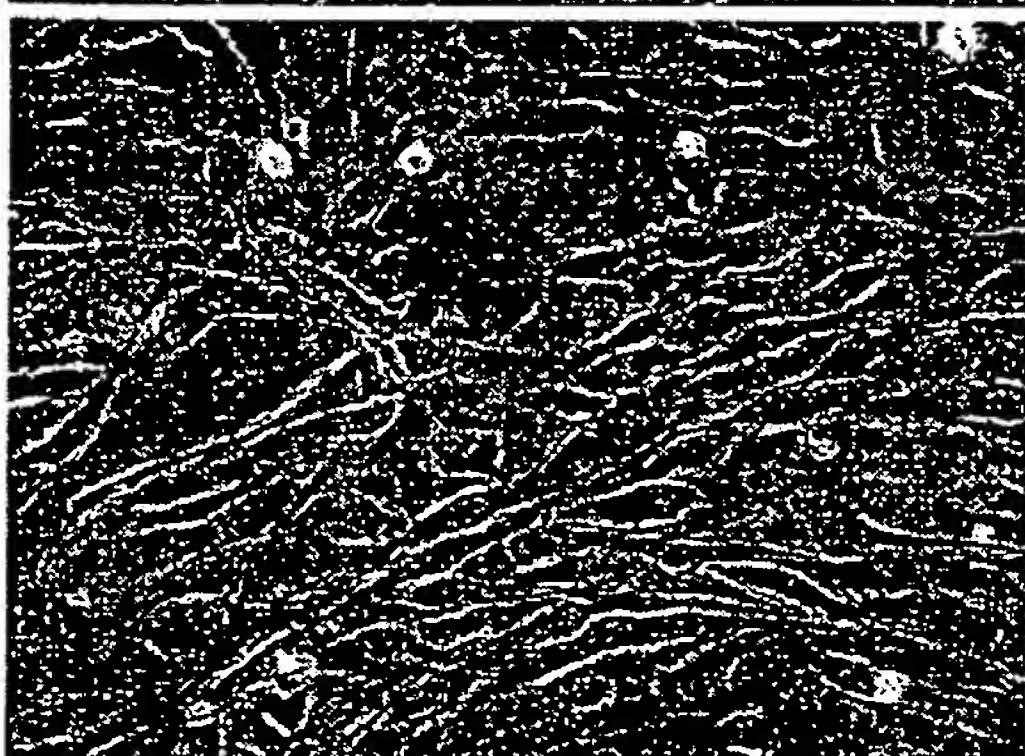
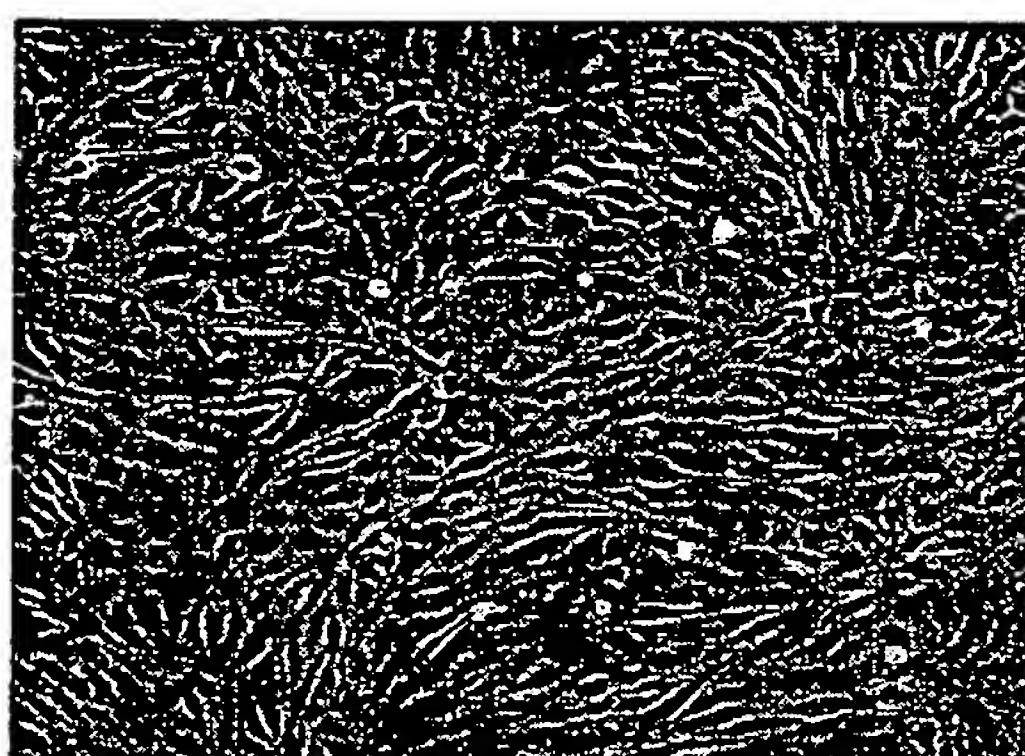
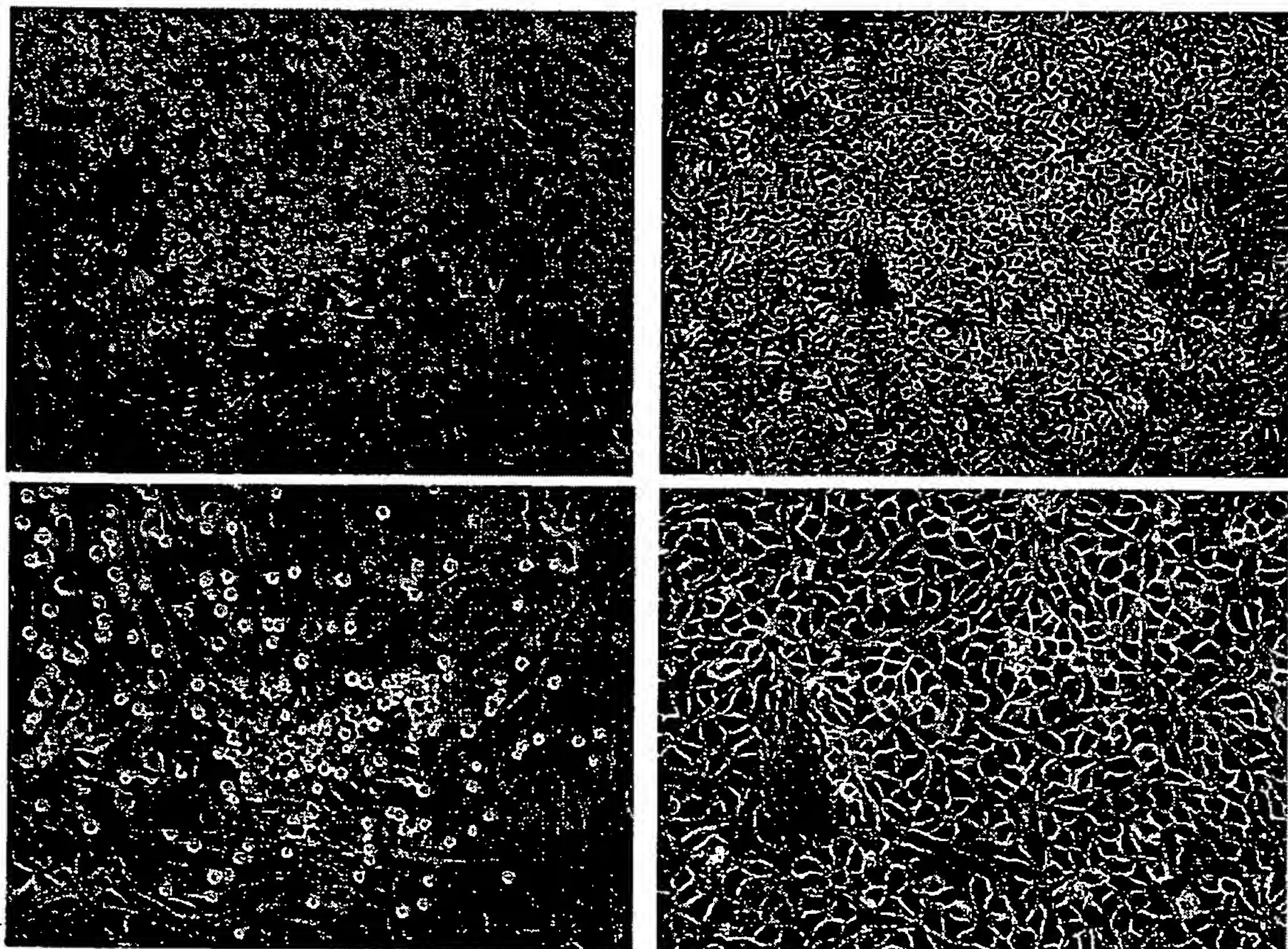


FIG. 21-2

PCLP1+



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